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Teir 1 Preliminary Risk Assessment

Proposed LED Floodlit PlayZone Pitch

Unity Community Primary School, Manchester

May 2025



Project Details

Site: Unity Community Primary School, Manchester

Document Title: Teir 1 Preliminary Risk Assessment

Document no.: STX7023-R01-Rev_A

Date: May 2025

Client: Labosport Ltd

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Document history and status

Revision	Date	Description	Author	Checker	Reviewer
A	May 2025	First Issue	CS	JT/SCD	SCD



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Drawing Register

Title	Produced by	Date	Reference
Location Plan	Labosport	06.01.2025	24-0479 01P
Development Layout	Labosport	20.02.2025	24-0479 03P

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Non-technical Summary

Topic	Commentary
Site description	The development site currently forms part of grassed playing fields associated with Unity Community Primary School.
Development proposals	Construction of a LED floodlit sand dressed PlayZone pitch (measuring approximately 30m x 25m in size) for football, basketball and cricket use. Proposals also include hardstanding and an area of soft landscaping (biodiversity net gain (BNG) area).
Site History	The site formed part of a reservoir from the 1850s and then part of a brick works clay pit from the late-1800s until the 1930s when backfilling of the clay pit occurred. Aerial imagery from the early 2000s shows the presence of Unity Community Primary School, with the current site layout observed following development from 2017 onwards.
Ground conditions	Based on a previous ground investigation data, ground conditions comprised Topsoil to a typical depth of 0.2-0.3m bgl, with Made Ground below to depths of c.9m bgl. Devensian Till deposits were encountered below extending to depths beyond 20.5m bgl. Perched groundwater was present in Made Ground between depths of 3-6m bgl.
Mining Risk	The site is located within a Coal Mining Reporting Area, but outside of a Development High Risk Area. Review of a historical Coal data indicates no shallow mining risk, or presence of mine shafts and open cast sites in close proximity.
Chemical contamination and remedial requirements	No risks associated with chemical or gaseous contamination have been identified in the iCSM in relation to current/end users and as such, no further work is recommended, and the site is considered to be safe and suitable for use. The potential for localised asbestos in near surface Made Ground presents a risk to construction workers and adjacent site users and some additional protection measures will be required when working in such soils.
Radon, gas risk and protection measures	There are no proposed enclosed spaces which would allow for the build-up of gases and as such, the risk to the development is low.
Recommendation for further works	It is recommended that all Made Ground is capped with suitable topsoil with a minimum thickness between 200-300mm is present in proposed landscaped areas. Where entry into below ground confined spaces is required it is recommended however that personal gas monitors are worn at all time by construction operatives. A discovery strategy should however be in place in the event of exposing unexpected or previously unencountered contamination. Enabling works/construction phase likely to require UXO specialist support.

1 Introduction

1.1 Scheme Outline

- 1.1.1 The proposed development is for construction of a LED floodlit sand dressed PlayZone pitch (measuring approximately 30m x 25m in size) for football, basketball and cricket use. The development will be located within the northern part of the grounds to Unity Community Primary School, Manchester. The approximate footprint of the proposed PlayZone pitch is presented in Figure 2-A below, and a development layout is presented in Appendix A. Proposals also include hardstanding and an area of soft landscaping (biodiversity net gain (BNG) area).
- 1.1.2 It is understood that the development is controlled under the Manchester City Council planning regime, under application reference 141932/FO/2025. This report has been produced to satisfy Condition 5 of this application.
- 1.1.3 The report is based on the project proposals and information outlined above; should the scheme change then it will be necessary to review the conclusions and recommendations presented in this report.

1.2 Brief

- 1.2.1 This report has been prepared following instructions received from our client, Labosport Ltd. The overall brief of works is to support the planning application by assessing the potential risks from contamination at the site through a review of desk study information and production of a Tier 1 preliminary risk assessment.

1.3 Previous reports

- 1.3.1 Soiltechnics in addition to third parties have previously undertaken the following reports in relation to the site and information contained within the reports has been referred to where relevant to inform this risk appraisal.

Author	Document Title	Date & Document Reference	Report Context
Integra Consulting Environmental	Phase 1 Geo-Environmental Ground Investigation	August 2015 2898	A Phase 1 Geo-Environmental ground investigation for the wider school development including reference to soil testing previously completed at the site.
	Preliminary Factual Ground Investigation	September 2015, 2898 Rev A	Preliminary Ground Investigation Report produced for the wider school development as part of Feasibility Stage for the project.
Soiltechnics	Desktop Study: Site Review	December 2023 STV6309-DS01	Included a very basic site description and desk study with recommendations for further investigations to support design of the proposed PlayZone pitch.
	Ground Investigation Report	March 2024 STV6309-R01 Rev_A	Included a basic desk study, an assessment of Topsoil suitability for reuse and waste disposal and an engineering assessment for foundation design to support design of the proposed PlayZone pitch.

- 1.3.2 It should be noted that these reports were written for a separate client and therefore direct reliance on the data within these reports cannot be made by Labosport. The data is however referred to and drawn upon to support the conclusions of this report.

1.4 Definition of Scope

- 1.4.1 The phasing and scope of the ground investigation works is broadly defined by the following documents.

Title	Document Reference	Publisher	Investigation Scope
Code of practice for ground investigations	BS 5930:2015	British Standards Institution	Phase 1: Desk study
Investigation of potentially contaminated sites – Code of practice	BS 10175: 2011+A2:2017	British Standards Institution	Preliminary Investigation (desk study)
Land contamination risk management	Online resource, updated April 2021	Environment Agency	Stage 1 Risk Assessment: Tier 1: Preliminary risk assessment

Table 1-A: Definition of investigation scope

1.5 Limitations

- 1.5.1 Soiltechnics disclaims any responsibility to our Client and others in respect of any matters outside the scope of this report. This report has been prepared with reasonable skill, care and diligence in accordance with the terms of our contract, taking account of the resources, investigations and testing devoted to it by agreement with our Client. This report is confidential to our Client and Soiltechnics accepts no responsibility of whatsoever nature to third parties to whom this report or any part thereof is made known. Any such party relies upon the report at their own risk.

2 Desk Study

2.1 Sources of Information

2.1.1 Reference has been made to the following sources of information:

- An Envirocheck Report and historical map records, presented as Appendix C.
- British Geological Survey (BGS) GeoIndex – Onshore database.
- BGS Sheet 85 (Scale 1:50 000) – Manchester (2011).
- Ordnance Survey OpenData.
- Coal Authority Development and Specific Risk databases.
- Environment Agency open-source databases.
- Google mapping services.
- Interrogation of search engines for anecdotal information on the site history and other readily available online resources.
- Review of existing ground investigation data.

2.2 Site Description

2.2.1 The proposed development lies within Manchester at the post code M7 4YE. The site is accessed from either Allesley Drive to the west or Barrow Hill Road to the east.

2.2.2 An aerial image showing the approximate site boundary is presented below, followed by a table summarising the key site features. A location plan is provided within Appendix A. Photographic records of the site, taken during site investigations by Soiltechnics in February 2024, are presented in Appendix D.



Figure 2-A: Aerial photograph and approximate site boundary

Theme	Feature
Current site use	The development site currently forms part of grassed playing fields associated with the school. Allesley Drive provides access to the site from the west and Barrow Hill Road provides access from the east.
Local area land use	Adjacent land use comprises residential housing. The school buildings associated with Unity Community Primary School are located to the southwest of the proposed PlayZone, including landscaping and play areas. The field in which the PlayZone is currently proposed extends beyond the east of development footprint.
Topography	Surface levels fall marginally from northwest to southeast across the proposed PlayZone pitch. A 1-1.5m high grassed embankment is located within the proposed landscaped area, along the western boundary of the proposed PlayZone.
Buildings, surfacing and other permanent features	The site comprises grass playing fields, with the school, including landscaping and play areas, to the southwest.
Vegetation	The site largely comprises a grass playing field. A bank of trees is present along the western boundary of the development site.
On-site / adjacent surface water features	None observed. The River Irwell is located approximately 1.5km to the west of the site.
Injurious and invasive weeds	No invasive weeds were identified during previous site reconnaissance by Soiltechnics.
Asbestos containing material (ACM) in buildings	Not applicable – no buildings present on site.
ACMs on site	No potential ACM debris has been identified at surface on site. Previous investigations have reported asbestos fibres within soils tested.
Potential sources of contamination	None observed in previous site reconnaissance by Soiltechnics.
Evidence for ground instability	None observed in previous site reconnaissance by Soiltechnics.

Table 2-A: Site description

- 2.2.3 The observations provided above are made by a Geoenvironmental Engineer, who is not a specialist in asbestos surveying or invasive weed identification. Any associated comments are intended for use by this report only, and not for any other purpose.

2.3 Environmental Designations

- 2.3.1 The site is recorded to be within a Nitrate Vulnerable Zone. The site is not reported to be within or in close proximity to any areas of designated sensitive land use, such as a Ramsar Site, Site of Special Scientific Interest (SSSI), or Special Area of Conservation.

2.4 Planning Records

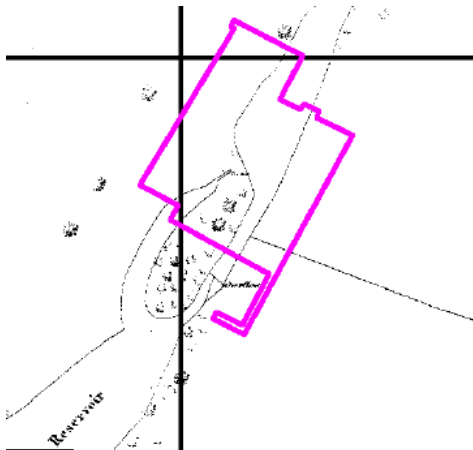
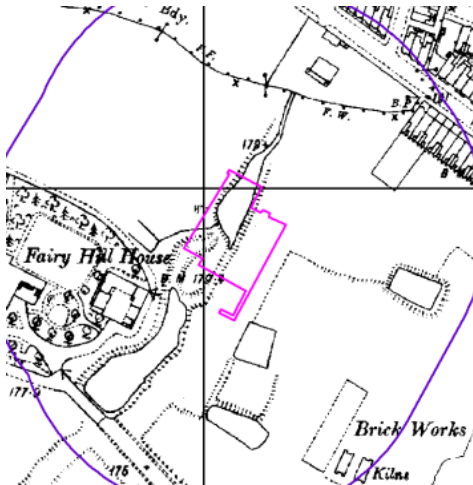
- 2.4.1 A search of online planning records held for the site by Manchester City Council reveals a previous application for a part single and two storey extension approximately 50m southeast, referenced 141789/FH/2024, approved in February 2025. Further searches also reveal the original planning application for the school development, including supporting ground investigation report (discussed in Section 2.5).

2.5 Previous Reports

- 2.5.1 Integra Consulting Environmental Ltd produced a Phased 1 Geo-Environmental Ground Investigation report in August 2015. This report presented a desk study appraisal of the site to support a planning application for the wider school development. The report also presented findings of historic Phase 2 intrusive geo-environmental investigations for the site completed by Environmental Protection Strategies Ltd (EPS) in February 2015.
- 2.5.2 The EPS intrusive investigation comprised formation of 15 No. window sample holes to a maximum depth of 4.0m bgl, 3 No. dynamic probes and the installation of 5 No. monitoring wells across the wider site. 3 No. window sample locations fall within or very close to the PlayZone development site (WS1, WS2, and WS5). Such boreholes indicated a thin layer of Topsoil (typically 0.4m in thickness) onto Made Ground to depths >10m bgl. Chemical testing indicated elevated concentrations of metals, PAHs, TPHs in Made Ground from WS1, in addition to the presence of chrysotile asbestos fibre bundles and free fibres within 6 No. of 12 No. samples tested. It is not clear if any testing was undertaken in Topsoil/near surface Made Ground deposits.
- 2.5.3 The Preliminary Factual Ground Investigation intrusive works undertaken by Integra Consulting Environmental Ltd in June and July 2015 comprised the formation of 10 No. cable percussive boreholes to a maximum depth of 20.50m bgl within close proximity of the existing and proposed school building envelope and 20 No. window sample holes. Boreholes WS1-3, WS5-7, WS10-14 and WS18 (WS1, WS5 & WS14 undertaken on the grassed embankment feature) were completed to a maximum depth of 7m bgl in the area of the proposed PlayZone development. A copy of the report is presented in Appendix D.
- 2.5.4 Ground conditions in the area of the PlayZone development comprised Topsoil to depths between 0.1m to 0.5m, with a layer of reworked clay/sand below with gravels of brick and asphalt to depths between 0.65m to 2.0m bgl. Material akin to more landfill type deposits were present below.
- 2.5.5 Chemical testing was completed on a large number of samples from across the site. 9 No. samples of Made Ground and 1 No. sample of Topsoil have been analysed from those boreholes listed in paragraph 2.5.3 above within 1m of surface level. Exceedances of lead and PAHs were detected in the Made Ground when compared to residential without plant update S4ULs. No exceedances were measured in the Topsoil sample. In addition, asbestos fibres were not present in all 10 No. samples.
- 2.5.6 As part of a previously completed works by Soiltechnics, 4 No. windowless sampling boreholes were completed across the site to depths of 1.7m to 5.45m bgl. The ground conditions generally comprised Topsoil to 0.2-0.3m depth with Made Ground encountered below, proven to a depth of 4.3m in the southwestern corner. Composition of soils was similar to that outlined during Integra investigations.
- 2.5.7 Based on analysis of a composite sample of Topsoil taken from the boreholes, it was confirmed deposits were suitable for reuse in a residential (with homegrown produce) setting. Asbestos was not present.

2.6 Site History

2.6.1 A chronological summary of the site's history is provided below.

Date	On-site	Off-site
Mid 1800s	<p>Part of a reservoir feature is present in the southern part of the site. Possible stream flowing beyond to the northeast.</p> 	<p>Open land and small residential settings.</p>
Late-1800s	<p>During this period, two pits and earthworks are observed in the western portion of the proposed development with the remaining area undeveloped.</p> 	<p>Several old clay pits and unlabeled pits lie within 100m south and east of the site, associated with a brick works ~60m to the southeast, where kilns are also noted. Further residential development is noted in area.</p>
Early 1900s	<p>The west of the development area is noted to be situated on the western high wall of a clay pit and the eastern area is shown to be within the pit. Infilling of the clay pit is evident in historical aerial imagery (refer to Figure 2-B below).</p>	<p>Adjacent land uses are shown to comprise residential properties to the north and west. Substantial earthworks are presented by 1908 and the pits and old clay pits are extended beyond the east and south of the proposed development area. Tramway ~100m south. A printing works is noted ~70m to the north.</p>

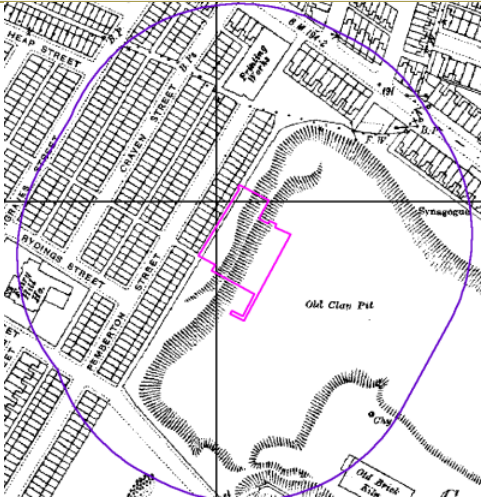
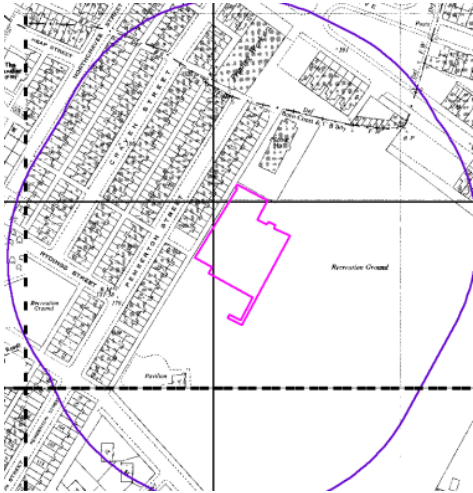
Date	On-site	Off-site
		
	<p>By 1952, the clay pit is no longer present beneath the proposed development and is situated in an area of open land.</p>	
Mid to late 1900s		<p>A pond is observed ~30m south of the site which appears infilled by 1958, and further residential development is noted ~100m to the south.</p> <p>Several works, workshops, a garage and warehouses are located ~150m east and southeast of the site.</p>
Early-2000s to present day	<p>Aerial imagery shows the site as open land laid to bare earth (2000). A grassed embankment is present along the western boundary similar to present day.</p> <p>Further aerial Imagery (Google Earth) shows reprofiling/stockpiling within the proposed development area circa. 2017, following the construction of the school's present day layout (refer to Figure 2-C below).</p>	<p>The surrounding area becomes increasingly residential.</p> <p>Unity Community School is observed from 2000s, with the construction of the school's current layout, including the reprofiling of the surrounding area, observed between 2017-2019.</p>

Table 2-B: Summary of site history

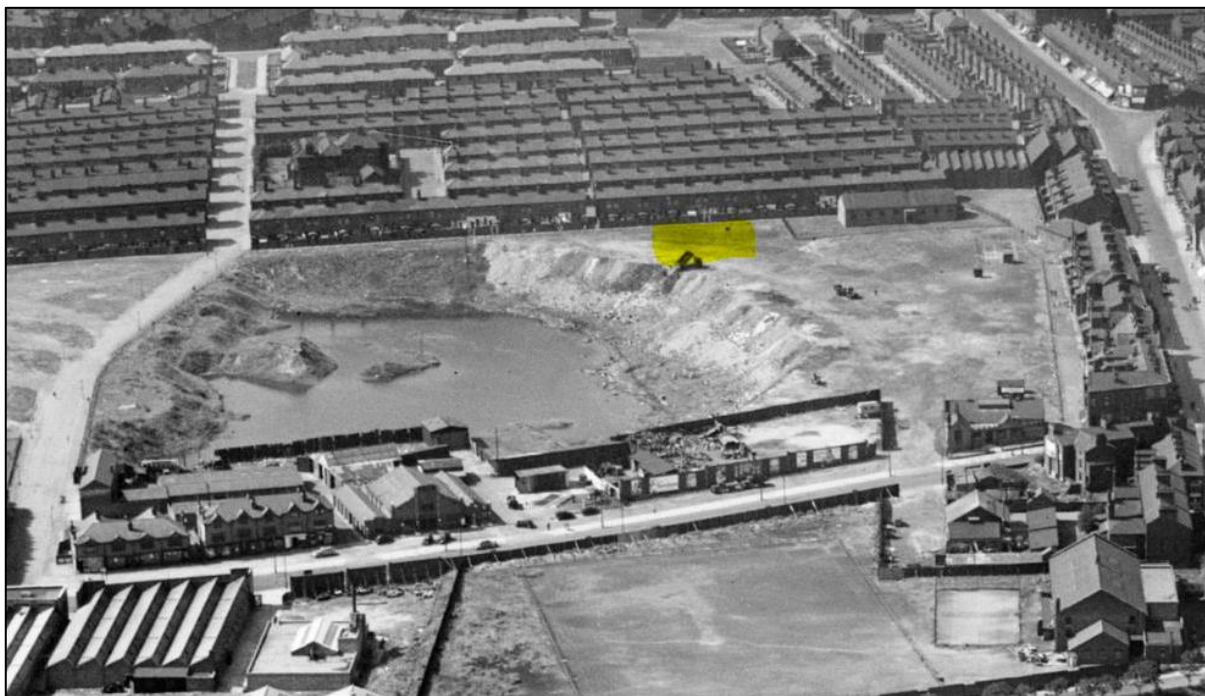


Figure 2-B: 1933 aerial image showing infilling of the former clay pit. Approximate location of PlayZone shown in area highlighted yellow (note truck on south of highlighted area tipping waste into the excavation)



Figure 2-C: Aerial imagery dated 2017 showing stockpiling of soils in the PlayZone area (blue)

2.7 Regulatory Enquiries

- 2.7.1 Soiltechnics have contacted Local Authority Environmental Health and Local Authority Building Control to conduct a search of their records for any pertinent information they may hold for the site and surrounding area. A response has not been received to date and if any information is obtained pertinent to the project, this report will be updated accordingly.

2.8 Anticipated Geology

- 2.8.1 Based on a review of available records, the site is anticipated to be underlain by Devensian Till (comprising clay and gravels) and Chester Formation (comprising sandstone). The site is observed to be within an area of superficial thickening associated with a hidden valley, extending to anticipated depths of 10m to 20m bgl.
- 2.8.2 In addition, infilled ground is recorded across the entire site, likely associated with the backfilling of the former clay pit.
- 2.8.3 It should be noted that investigations previously carried out by Soiltechnics and Integra on site encountered Made Ground to depths of c.9m bgl in the area of the proposed PlayZone.
- 2.8.4 A summary of the anticipated geology underlying the site is summarised as follows:

Stratum	Bedrock / superficial	Anticipated depth (m bgl)	Typical description
Topsoil	-	0.2-0.3	Organic soil
Made Ground	-	~9.0	Initial clay/sand layer with limited anthropogenic material. Granular and cohesive demolition type material below.
Devensian Till	Superficial	>20.5m	Sand, clay and gravel
Chester Formation	Bedrock	Basal unit	Sandstone

Table 2-C: Summary of anticipated geology at the site

2.9 Hydrogeology and Groundwater Sensitivity

- 2.9.1 The general hydrogeological profile of the site is provided in the table below.

Stratum	Aquifer Designation	Groundwater commentary
Made Ground	-	Previous boreholes encountered perched groundwater within the Made Ground.
Devensian Till	Secondary Undifferentiated	Local borehole records encountered groundwater between approximately 8.0-9.0m bgl.
Chester formation	Principal	High intergranular and/or fracture permeability.

Table 2-D: Preliminary hydrogeological model

- 2.9.2 Published borehole records in the surrounding area encountered groundwater within Devensian Till deposits at depths of around 8m bgl to 9m bgl. Based on the local topography and previous borehole investigations, groundwater is anticipated on site at depths of between 3-6m bgl. This is further supported by the site being recorded in an area with a low vulnerability of groundwater flooding.
- 2.9.3 The site is not located within a Source Protection Zone.
- 2.9.4 There are 2 No. active groundwater abstraction licenses associated with commercial/industrial processes within 1km of the site. The nearest abstraction point is some 788m south of the site.

2.10 Hydrology and Surface Water Sensitivity

- 2.10.1 No surface water features are present on site. The River Irwell is noted as the closest surface water feature, 769m south of the site.

2.10.2 There are no surface water abstraction licenses within 1km of the site

2.11 Flood Risk

2.11.1 The site falls within a Flood Zone 1 area. This designation indicates there is less than a 0.1% chance of flooding from rivers or the sea in any year and the site is not recorded in an area with the potential for surface water flooding.

2.11.2 The site is recorded in area shown to have limited potential for groundwater flooding at surface level.

2.11.3 It should be noted that this information does not constitute a site-specific Flood Risk Assessment and one may be required for the scheme.

2.12 Non-Mining Ground Instability Hazard

2.12.1 The Envirocheck Report includes hazard ratings due to natural ground instability, which have been derived by the BGS. These hazards have been summarised in the table below.

Hazard	Hazard Potential	Discussions
Collapsible ground	Very low	N/A
Compressible ground	Moderate	Discussed below
Ground dissolution	No Hazard	N/A
Landslide	Very low	N/A
Running sand	Very low	N/A
Shrinking or swelling clay	Very low	N/A

Table 2-E: Non-mining ground stability hazards

2.12.2 The entire site is recorded overlying infilled ground, associated with a historic clay pit and therefore deep Made Ground is anticipated beneath the development area (up to 9m bgl proven historically). The Made Ground is likely to comprise demolition material and/or reworked natural soils and are likely to be highly compressible in nature.

2.13 Quarrying and Mining

2.13.1 The site is located within a Coal Mining Reporting Area, but outside of a Development High Risk Area. No recorded or probable unrecorded workings, coal seams, mine entries or opencast sites are located within 100m of the site.

2.13.2 Review of a Coal Authority report contained in the Integra Consulting Phase 1 report indicates no shallow mining risk, or presence of mine shafts and open cast sites in close proximity.

2.13.3 On the basis of the above, the risk from ground instability associated with coal mining legacy is considered to be very low.

2.13.4 A historical pit occupied the site from the late 19th to mid-20th century and several pits were recorded in the surrounding area. It is understood the pit was for the extraction of clay, associated with local brickworks.

2.14 Landfill and Infilled Ground

2.14.1 The following table summarises current and historical landfill sites, mineral sites, and infilled ground records within 250m from the site to the site.

Name	Distance from site (m)	Type of record	Waste deposited / resource extracted	Further information
Land at Fairy Lane	On site	Historic landfill	Commercial and Household Waste	None supplied
Water Lane Brickworks	44m SE	BGS mineral	Common clay and shale	Opencast
-	On site	Infilled ground (water)	-	Date of mapping: 1848
	106m W			Date of mapping: 1895
	183m W			Date of mapping: 1895
-	On site	Infilled ground (non-water)	-	Date of mapping: 1986
	84m SW			
	139m S			
	157m SE			
	196m S			
	215m SE			

Table 2-F: Summary of landfill, mineral site and infilled ground records

2.15 Recent Industrial Activity

- 2.15.1 There are no Integrated Pollution Controls (IPC) or Integrated Pollution Prevention Controls (IPPC) and one Local Authority Pollution Prevention Controls (LAPPC) recorded within 250m of the site, associated with the respraying of road vehicles in February 1996, which was later revoked.
- 2.15.2 There is one registered waste transfer site within 250m of the site recorded from June 1987, 191m east. The transfer site is recorded to hold construction waste, old cars and trailers etc, and includes non-hazardous, inert, non-flammable and potentially combustible waste.
- 2.15.3 The site is in a primarily residential area. As such there are no commercial and industrial properties within 100m of the site. The following table summarises the pertinent potentially contaminating Contemporary Trade Directory entries within 250m of the site.

Name	Direction	Distance from site	Activity
Syd Abrams	SE	154m	Car Dealers
The Capital Textile	E	204m	Textile manufacturing
The Textile Centre London	SE	245m	Clothing and Fabrics manufacturers
ATS Euromaster Ltd	S	246m	Tyre dealers
Cheetham Auto Parts	SE	249m	Car breakers and dismantlers

Table 2-G: Summary of contemporary trade directory entries

2.15.4 As the site is not located in close proximity to a watercourse, records held of discharge consents and pollution incidents to controlled waters are not considered relevant to this desk study.

2.16 Radon

- 2.16.1 The site is in an area where the above ground radon Affected Area status is classed as a Lower Probability Radon Area and no radon protective measures are necessary in the construction of new dwellings or extensions.

2.17 Underground Infrastructure

- 2.17.1 Based on information contained in the previous ground investigation report, records indicate an LV line runs north-south through the centre of the proposed development area.
- 2.17.2 It would be prudent to obtain up to date service plans for the entire site boundary ahead of detailed design and construction. Current records are presented in Appendix B.

2.18 Unexploded Ordnance (UXO) Hazard Screen

- 2.18.1 A UXO hazard screen has been undertaken by Soiltechnics (as a non-specialist) in accordance with CIRIA C785 to determine if further specialist risk assessment is required. This has been carried out with reference to the Zetica bomb density maps, area-specific bomb strike maps (where available), and a review of historical mapping and possible military sites in the area. A summary is presented below.

Hazard	Outcome	Discussion
Question 1: Are there any indicators of former military land use on site?	No	A review of the site's history has not identified indicators of former military use on site.
Question 2: Are there any indicators of historical bombing on or near the site?	Yes	The site falls within a moderate bombing density area with a high bombing density area located in close proximity to the site. Therefore, bombing may have occurred on or near the site.

Table 2-H: UXO hazard screen

- 2.18.2 A preliminary risk review was conducted as part of the previous intrusive works undertaken by Soiltechnics. The review was undertaken by a UXO specialist to assess the risk of encountering UXO during ground investigation works undertaken by Soiltechnics only and to identify any precautionary measures required. It should be noted that the risk assessment has not been carried out fully in accordance with CIRIA report C785 'Unexploded Ordnance (UXO) A guide for the construction Industry'.
- 2.18.3 The risk review concluded that there is a credible risk of encountering UXO during the ground investigation, and borehole works were supervised by a UXO specialist. It should be noted that this preliminary risk review does not consider risks to the construction phase.

3 Tier 1 Preliminary Contamination Risk Assessment

3.1 Objectives

3.1.1 The objective of this preliminary risk assessment (PRA) is to determine the suitability of the site for the proposed redevelopment and end users, in terms of the risk from contamination. The assessment comprises the following steps:

- Identify potential contaminant linkages (PCLs) between sources, pathways and receptors.
- To provide data to assist in the design of potential exploratory and detailed intrusive investigations and to give an early indication of possible remedial requirements, if necessary.

3.2 Evaluation Criteria

3.2.1 The following assessment is undertaken within the legislative framework of the planning system. Therefore, the assessment needs to identify if land contamination could pose an unacceptable risk to human health or the environment, within the context of the proposed development site. In the context of the existing site use, as a minimum, land should not be capable of being determined as 'contaminated land' under Part IIA of the Environmental Protection Act 1990.

3.2.2 The risk criteria for the proposed development is based on a 'minimal risk' approach, whereas under the existing land use a designation of 'contaminated land' would only apply if there is a significant possibility of significant harm (SPOSH).

3.3 Methodology

3.3.1 The objectives listed above are achieved by utilising the information presented within the desk study to develop an initial conceptual site model (iCSM) and identification of potential unacceptable risks. Depending upon the outcome of the Tier 1 assessment, it may be necessary to undertake a Tier 2 generic quantitative risk assessment (GQRA).

3.3.2 An iCSM relies upon the identification and assessment of PCLs. A contaminant linkage comprises of three key components:

- Source – a contaminant or pollutant that is in, on or under the land and that has the potential to cause harm or pollution.
- Pathway – Current and post-development routes by which a receptor is, or could be, affected by a contaminant.
- Receptor – Something that could be adversely affected by a contaminant, for example a person (current and proposed end users or neighbours), controlled waters and ecosystems.

3.3.3 The Tier 1 risk assessment has been produced with reference to the following guidance:

- ['Land contamination risk management'](#) (EA, 2021).
- BS 10175:2011+A2:2017 'Investigation of potentially contaminated sites – Code of Practice'.
- CIRIA C552 'Contaminated land risk assessment- a guide to good practice', 2001.
- BS EN ISO 21365:2020 'Soil quality – Conceptual site models for potentially contaminated sites'
- BS 8576:2013 'Guidance on investigations for ground gas – Permanent gases and Volatile Organic Compounds (VOC)'.

3.4 Source Assessment

3.4.1 The table below summarises identified sources based on the findings of the desk study. Where appropriate, further discussion has been provided in the paragraphs which follow.

Potential Sources	Contaminant(s) of concern	Detail	Viable source?
On-site sources			
Deep Made Ground from infilling of historic clay pit and recorded landfill.	Metals, polycyclic aromatic hydrocarbons (PAH), asbestos	A historic clay pit was located within the site boundary before being infilled in the early to mid-20 th century and recorded as landfill (commercial and household waste). Potential for a wide range of contaminants.	Y
	Permanent ground gases (CH ₄ and CO ₂)	Elevated concentrations of ground gas generated from thick Made Ground with high levels of putrescible material.	y
Radon	Radon	The site is recorded as being in a Lower Probability Radon Area where no protection measures are required.	N
Off-site sources			
Multiple records of infilled land within 250m of the site	Permanent ground gases (CH ₄ and CO ₂)	Elevated concentrations of ground gas generated from thick Made Ground with high levels of putrescible material.	y
Former local industrial site uses, including brick works and kilns, tramlines, workshops, garages, printing works and clothes factory	Metals, PAHs, solvents, TPHs, asbestos, (S)VOCs.	<p>Due to the distance between these sources and the site and the likely severity of any contamination they produced, it is considered unlikely that shallow soils on site would have been significantly impacted by any of these former industrial activities. Furthermore, the surrounding area underwent significant redevelopment during the 20th century where any gross contamination would most likely have been identified.</p> <p>No evidence of gross contamination was observed during previous investigations. No mechanism for transport of free phase hydrocarbon contamination is anticipated therefore the risk from vapours migrating to the surface is considered low.</p>	N

Table 3-A: Contamination source assessment

3.5 Receptor Assessment

3.5.1 The following table summarises the identified receptors based on current site conditions and our understanding of the proposed end use:

Receptor Category	Principal Receptor	Receptor present?	Detail
Human health	Users of the current site	Yes	Currently school playing fields.
	End user of the developed site	Yes	PlayZone artificial sports pitch.
	Construction operatives and other site investigators	Yes	Site to be developed.

Receptor Category	Principal Receptor	Receptor present?	Detail
	Adjacent site users and off-site members of the public	Yes	Residential properties, playing fields and Unity Community Primary School present adjacent to the site.
	Surface waters	No	Surface waters are remote from the site, in excess of 500m distance.
Controlled waters	Groundwater	No	Previous ground investigation concluded thick Made Ground to 9m bgl, with Devensian Till below to depths >20.5m bgl. The latter is not considered a sensitive aquifer and clay soils would prevent migration of contamination into the Principal Aquifer at depth. In addition, there are no water abstractions within 500m of the site and the site is not located in a source protection zone, so the overall sensitivity of the site is low.
Sensitive ecosystems and species	Current site	No	Site is not currently within, or proposed to form, a designated environmentally sensitive area (e.g. SSSI, RAMSAR, AONB, SPA, SAC)
	Developed site	No	
Property	Soft landscaping (current)	Yes	Site currently comprises grassed playing fields
	Soft landscaping (proposed)	Yes	A proposed landscaped area is present in the western section of the site.
	Building materials	Yes	The risk of aggressive ground conditions impacting buried concrete considered during previous investigations.

Table 3-B: Receptor assessment

3.6 Pathway Assessment

3.6.1 The following table summarises the generic human health pathway assessment for the site, assuming a range of contaminant sources within the underlying soils. Source-specific pathways are considered within the iCSM in subsequent report sections.

Human Health Exposure Pathway	Public open space (current and proposed)	Construction operatives	Adjacent Site Users
Ingestion, inhalation and dermal contact with soils and dusts	✓	✓	✓ (inhalation only)
Ingestion, inhalation and dermal contact with site derived dusts indoors	✗	✗	✗
Ingestion of home-grown vegetables	✗	✗	✗
Inhalation of vapours in outside spaces	✓	✓	✓
Intrusion and inhalation of vapours indoors	✗	✗	✗
Accumulation and Inhalation of ground gas in enclosed structures	✗	✗	✗
Permeation into below-ground drinking water pipes	✓	✗	✗

Table 3-C: Generic pathway assessment

3.6.2 The following table summarises generic pathways for the site which could be viable for the identified controlled water receptors, given our understanding of the hydrogeological model and assuming a range of contaminants in the sub-surface.

Controlled Water Exposure Pathways	Current and proposed setting	Mechanism
Site characteristics		
Leaching via infiltration through unsurfaced areas, and surface run-off	✓	Mobilisation
Leaching via infiltration through cracks/joints in hardstanding areas and drainage infrastructure	✗	Mobilisation
Leaching via saturation from groundwater flooding and shallow/perched groundwater bodies	✗	Mobilisation
Infiltration through sustainable drainage systems	✓	Mobilisation
Preferential lateral pathways (e.g. underground services)	✓	Migration
Preferential vertical pathways (e.g. piling, vibro-stone columns)	✗	Migration
Hydrogeological characteristics		
Vertical migration through permeable strata into shallow aquifers and perched groundwater bodies	✗	Migration
Vertical migration through permeable strata into sensitive aquifers at depth	✗	Migration
Lateral migration within shallow and perched groundwater bodies into surface waters	✗	Migration

Table 3-D: Generic pathway assessment

3.7 Initial Conceptual Site Model (iCSM)

3.7.1 The table below presents our approach to the assessment of risks associated with PCLs. The categories below are based upon the definitions within CIRIA C552 (2001), with the addition of a 'negligible likelihood' scenario, which is to be used where there is no realistic scenario in which harm could occur.

3.7.2 The initial conceptual site model (iCSM) is presented within the following tables overleaf.

		Consequence of harm			
		Severe	Medium	Mild	Minor
Probability of harm	High likelihood	Risk: Very high (high – severe)	Risk: High (high – medium)	Risk: Moderate (high – mild)	Risk: Moderate/Low (high – minor)
	Likely	Risk: High (likely – severe)	Risk: Moderate (likely – medium)	Risk: Moderate/Low (likely – mild)	Risk: Low (likely – minor)
	Low Likelihood	Risk: Moderate (low – severe)	Risk: Moderate/Low (low – medium)	Risk: Low (low – mild)	Risk: Very low (low – minor)
	Unlikely	Risk: Moderate/Low (unlikely – severe)	Risk: Low (unlikely – medium)	Risk: Very low (unlikely – mild)	Risk: Very low (unlikely – minor)
	Negligible Likelihood	Risk: Low (negligible – severe)	Risk: Very Low (negligible – medium)	Risk: Very Low (negligible – mild)	Risk: Negligible (negligible – minor)

Table 3-E: iCSM risk ratings

RECEPTOR: PROPOSED END USERS				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
Deep Made Ground from infilling of historic clay pit and recorded landfill.	Metals, PAHs, TPH, phenol, asbestos	Ingestion, inhalation and contact with soils, dusts and vapours	Risk: Low (unlikely – medium)	Elevated levels of inorganic and organic contaminants could be present in Made Ground deposits on site and have been detected during previous ground investigations. Asbestos fibres detected in potential near surface soils (not confirmed) by EPS in 2015. However, following development of the artificial sports pitches, the pathway between these soils and the proposed users will be severed. In areas of proposed soft landscaping, it is understood that Topsoil material will be reused from the proposed pitch area. The previous Ground Investigation Reports produced by Integra and Soiltechnics confirmed that Topsoil was suitable for reuse in a residential setting. As such, the presence of suitable surface Topsoil with a minimum thickness between 200-300mm, will act as a clean capping layer and again, sever the pathway between proposed users and underlying Made Ground.
	Permanent ground gases (CH ₄ and CO ₂)	Migration through the sub-surface into enclosed spaces	Risk: Low (unlikely – medium)	Although there is a potential risk of ground gases impacting the site, there are no proposed enclosed spaces which would allow for the build-up of gases and as such, the risk to the development is low. In addition, infilling occurred over 50 years ago and any liable organic matter is likely to have depleted.
Geological Units	Radon	Migration through the sub-surface	Risk: Low (unlikely – medium)	Lower probability area. No radon protection measures are required for new above-ground buildings, conversions and refurbishments. In addition, there are no proposed enclosed spaces.

Table 3-F: iCSM – proposed end users

RECEPTOR: CONSTRUCTION WORKERS				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
Deep Made Ground from infilling of historic clay pits, landfill, earthworks and pond	Metals, PAHs	Ingestion, inhalation and contact with soils, dusts and vapours	Risk: Low (unlikely – medium)	No gross contamination of high-risk contaminants anticipated (e.g. cyanide, benzene, and vinyl chloride). Standard PPE and hygiene protocols for working on brownfield sites are likely to be sufficient to mitigate the risk.

RECEPTOR: CONSTRUCTION WORKERS				
	Asbestos	Inhalation of dusts	Risk: Moderate/Low (low – medium)	No asbestos was identified within Made Ground within 1m of surface level during the previous ground investigation completed by Integra, and within Topsoil tested by Integra and Soiltechnics. Asbestos fibres detected in potential near surface soils (not confirmed) by EPS in 2015. As such, possible risk to construction operatives from asbestos fibres in Made Ground.
	Permanent ground gases (CH4 and CO2)	Migration through the sub-surface into enclosed spaces	Risk: Low (unlikely – medium)	Although there is a potential risk of ground gases impacting the site, working in confined spaces where gas build up could occur is not likely to be required for this development. However, if required, standard protocols for working in confined spaces should be followed, such as using appropriate PPE and gas alarms.
Unexploded Ordnance	UXO	Direct contact / explosion	Risk: Moderate (low – severe)	The Preliminary Risk Assessment undertaken in the previous ground investigation indicates there is a credible risk of encountering UXO during construction works.

Table 3-G: iCSM – acute exposure to construction workers

RECEPTOR: ADJACENT SITE USERS FOLLOWING COMPLETION				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
All identified potential contaminant sources	Metals, PAHs, TPH, (S)VOCs, Asbestos	Ingestion, inhalation and contact with soils, dusts and vapours	Risk: Low (unlikely – medium)	Based on the exposure pathways that would be present from the developed site, and on the anticipated levels of contamination, it is considered unlikely that a pollutant linkage could pose an unacceptable risk to off-site receptors.

Table 3-H: iCSM – chronic exposure to adjacent site users

RECEPTOR: ADJACENT SITE USERS DURING THE CONSTRUCTION PHASE				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
Deep Made Ground from infilling of historic clay pits, landfill, earthworks and pond	Asbestos	Inhalation of dusts	Risk: Moderate/Low (low – medium)	No asbestos was identified within Made Ground within 1m of surface level during the previous ground investigation completed by Integra, and within Topsoil tested by Integra and Soiltechnics. Asbestos fibres detected in potential near surface soils (not confirmed) by EPS in 2015. As such, possible risk to adjacent users from asbestos fibres in Made Ground.
All other potential contaminant sources	Metals, PAHs, TPH	Ingestion, inhalation and contact with soils, dusts and vapours	Risk: Low (unlikely – medium)	Unlikely to pose a viable risk to off-site receptors.

Table 3-I: iCSM – acute exposure to adjacent site users

RECEPTOR: PROPOSED PLANTING				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
Contaminants within topsoil and the shallow sub-surface	Metals, pH and inorganics	Direct contact and root uptake	Risk: Negligible (negligible – minor)	There is no evidence on site, such as significant barren areas, signs of poor growth, or evidence of significant vegetative stress, which would indicate there was an issue with contamination in the Topsoil material impacting vegetation growth.

Table 3-J: iCSM – phytotoxic risk to proposed planting scheme

RECEPTOR: CONTROLLED WATERS				
Potential Source	Contaminants of Concern	Pathway	Tier 1 Risk Assessment (probability of harm x consequence)	Discussion
All potential contaminant sources identified	Various	Leaching and vertical migration (Groundwater)	Risk: Low (unlikely – medium)	<p>Previous ground investigation concluded thick Made Ground to 9m bgl, with Devensian Till below to depths >20.5m bgl. The latter is not considered a sensitive aquifer and clay soils would prevent migration of contamination into the Principal Aquifer at depth.</p> <p>In addition, there are no water abstractions within 500m of the site and the site is not located in a source protection zone, so the overall sensitivity of the site is low.</p> <p>Piling is unlikely to create a preferential pathway given likely pile termination depths (within 15m of surface).</p>

Table 3-K: iCSM – controlled waters risk

3.7.3 The risk to identified receptors from the proposed developments under the planning regime are assessed under a ‘minimal risk’ approach. Whereas, the risk to receptors under the current and continued use of the site is dealt with under the regulatory framework of the Part IIA regime, where Soiltechnics consider if there is a reasonable chance of a ‘significant potential of significant harm’ (SPOSH) occurring. This is not equivalent to a due diligence assessment for the continued use of the site to aid in determining potential contaminated land liabilities or land valuations.

3.7.4 The following table sets out the risk to current users considering a SPOSH approach:

Receptor	Potential Source	Contaminants of Concern	Pathway	Preliminary Assessment: Is their reasonable evidence of SPOSH?	Discussion
Human Health (Current and adjacent site users)	All potential contaminant sources identified above	Various Contaminants	Inhalation, ingestion and contact with soils, dusts and vapours.	No	Whilst potential contamination sources have been identified, Soiltechnics have not encountered any evidence which indicates there could be a significant possibility of significant harm to human health occurring from contamination on site.
Controlled Waters (Surface water and groundwater)	All potential contaminant sources identified above	Various Contaminants	Mobilisation and migration	No	Whilst potential contamination sources have been identified, Soiltechnics have not encountered any evidence which indicates there could be a significant possibility of significant harm to controlled waters occurring from contamination on site.

Receptor	Potential Source	Contaminants of Concern	Pathway	Preliminary Assessment: Is their reasonable evidence of SPOSH?	Discussion
Ecosystems	All potential contaminant sources identified above	Various Contaminants	Direct contact and root uptake	No	The site does not fall within a relevant designation for environmentally sensitive land (e.g. SSSI, NRA, Ramsar).
Property	All potential contaminant sources identified above	Various Contaminants	Various pathways	No	Through undertaking the desk study, no evidence of potentially significant harm occurring to property has been identified.

Table 3-L: *iCSM – current site risks (part IIA)*

3.8 Preliminary Risk Assessment Conclusions and Recommendations

- 3.8.1 In summary, the PRA has not identified any potential contaminant linkages which pose an unacceptable risk in the current or proposed development site settings. Therefore, the site is considered suitable for development without any further investigation works or remedial action taking place.
- 3.8.2 In terms of potential presence of asbestos fibres in the Made Ground, the following safety procedures should be implemented during the enabling works and construction phase where excavating within Made Ground soils.
- RPE comprising FFP3 disposal type. Where RPE has to be worn continuously for long periods (e.g. more than 1-hour), then powered RPE may be necessary.
 - Manual/localised dust suppression. A reduction in control measures is possible if natural mitigation factors are present (e.g. raining/wet ground).
 - Localised and basic personal decontamination facilities. This is a guide only, and the suitability of selected personal hygiene measures may be reviewed on a site/contamination specific basis.
- 3.8.3 Further to the above, general good working practices for working on brownfield sites should be adhered to at all times, including.
- Asbestos awareness training.
 - A watching brief during enabling works.
 - A site-specific asbestos awareness briefing as part of the site inductions.
 - Establishing an appropriate action plan in the event of encountering unexpected contamination and suspected asbestos containing materials.
 - Control of material movements to minimise dust generation, for example by reducing drop heights and ensuring buckets are not over-loaded.
 - Blading or covering short-term stockpiles.
 - Covering or seeding long-term stockpiles.
- 3.8.4 Based upon our current understanding of the site, there is no requirement to conduct ground gas monitoring in future intrusive investigation phases and no radon protective measures are necessary. Where entry into below ground confined spaces is required it is recommended however that personal gas monitors are worn at all times by construction operatives.
- 3.8.5 UXO specialist support is also likely to be required during the enabling works and construction phase.

3.9 Unexpected and Previously Unencountered Contamination

- 3.9.1 With the development of any site, there is a residual risk of contamination being found that is unexpected or has not been encountered during investigation or other siteworks.
- 3.9.2 Should any previously unencountered and unexpected contamination be encountered, works should be temporarily halted and Soiltechnics informed. The Consultant should then assess the situation to determine what remedial action is required and inform the Local Authority at the earliest opportunity.

3.10 Recommendation for Further Works

- 3.10.1 No further works are recommended on the basis that suitable topsoil cover with a minimum thickness of 200-300mm is present above all Made Ground in proposed landscaping/maintained grass areas.
- 3.10.2 The Principal Contractor should have a discovery strategy in place in the event of exposing unexpected or previously unencountered contamination. Soiltechnics should be informed at the earliest opportunity to undertake an assessment of the material, and to inform the Local Authority as appropriate.

Appendix A Drawings

LOCATION PLAN

CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF WORK

NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN SHOWN ON THE DRAWING

NO GUARANTEE CAN BE GIVEN TO THE ACCURACY AND COMPLETENESS OF ANY SERVICE PROVIDER RECORD INFORMATION SHOWN IN THIS DRAWING AND NO LIABILITY WILL BE ACCEPTED FOR ANY LOSSES THAT ARISE DUE TO A LACK OF ACCURACY IN ANY SERVICE PROVIDERS RECORD INFORMATION

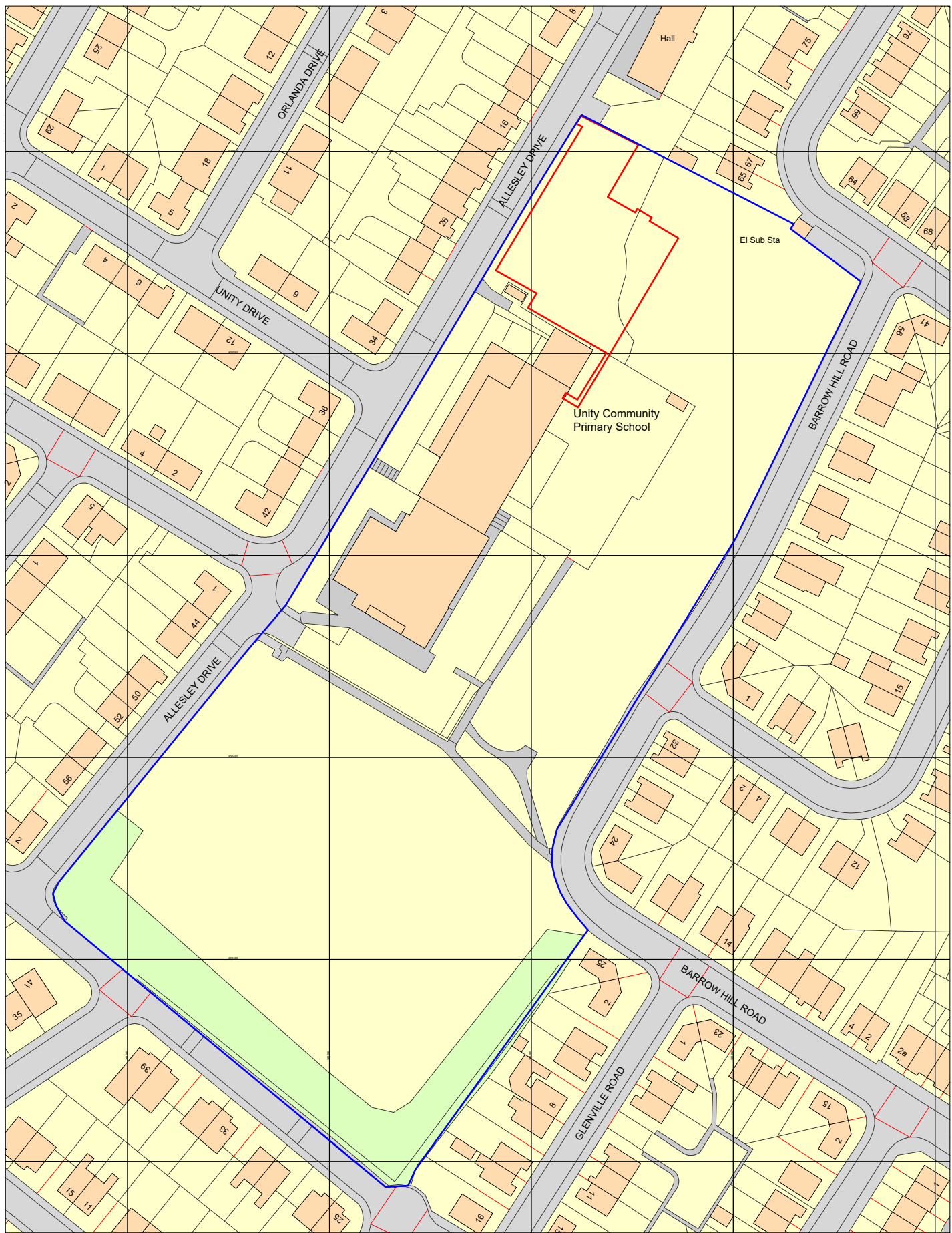
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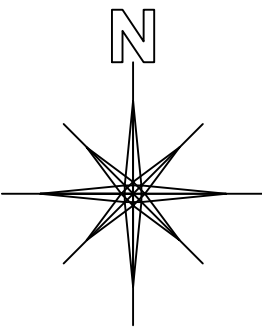
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APPLICATION SITE AREA
REQUIRED

LAND AREA UNDER
OWNERSHIP OF CLIENT



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LEGEND / KEY



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AUTHOR

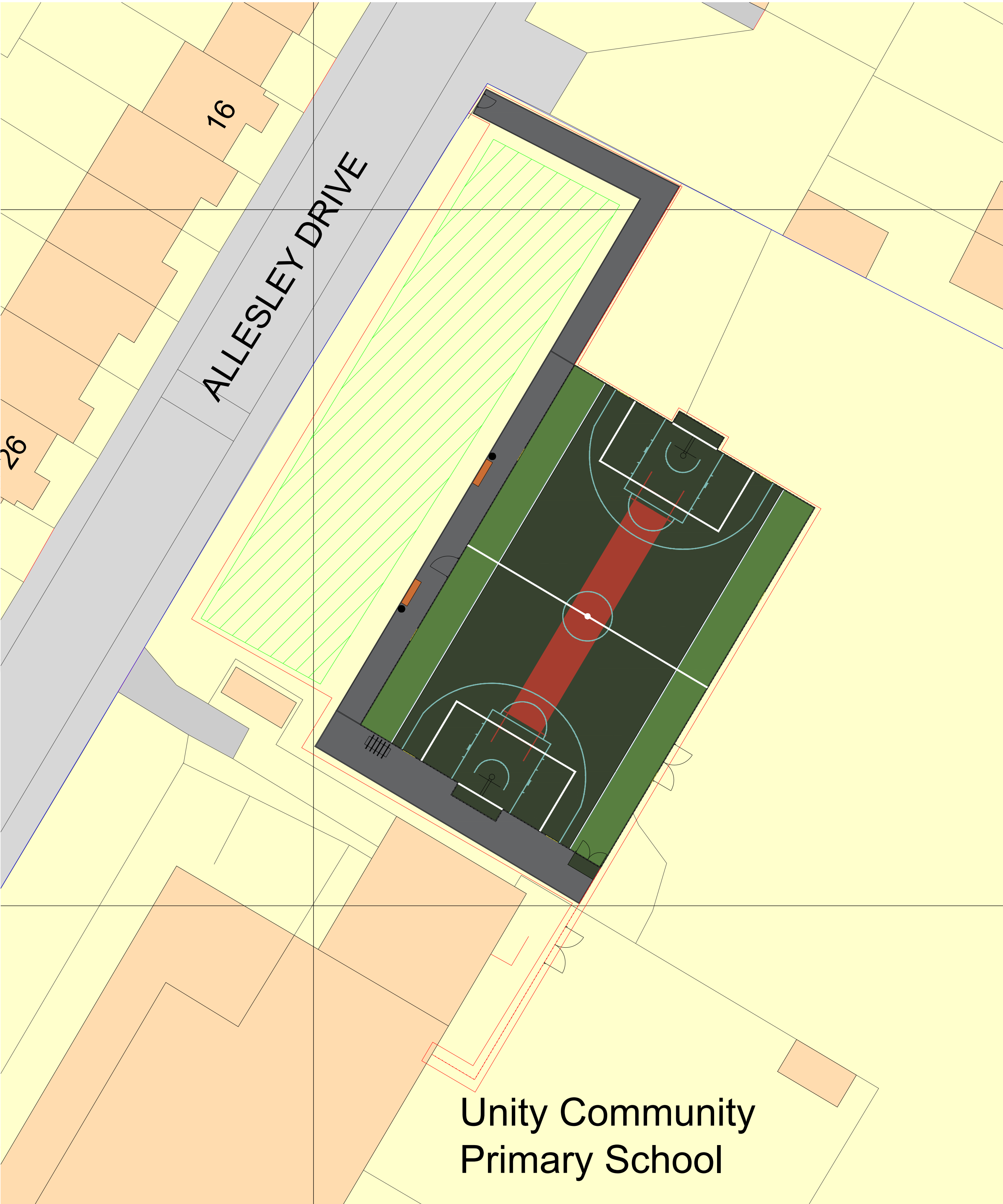
CLIENT THE FOOTBALL FOUNDATION / SIS (UK) LTD

PROJECT UNITY SCHOOL
PLAYZONE FACILITY DEVELOPMENT

DRAWING			
PLANNING	MD	01	
STATUS	LSUK 24-0479	DATE	06/01/2025
PROJECT	A1	SCALE	1:1250
PAPER SIZE	A1	SCALE	1:1250
		DATE	24-0479 01P

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DEVELOPMENT LAYOUT



FACILITY TYPE
FOOTBALL / BASKETBALL / CRICKET
SAND DRESSED SYNTHETIC TURF SURFACED PLAYZONE WITH PERIMETER FENCING, FLOODLIGHTING, HARD-STANDING AREA AND EQUIPMENT

CONSTRUCTION
FORMATION LAYER
STONE SUB BASE LAYER
POROUS ASPHALT (MACADAM) LAYER
IN-SITU SHOCKPAD LAYER
SAND DRESSED SYNTHETIC TURF LAYER

DIMENSIONS
FENCE TO FENCE = 30 X 20M
2NR GOAL RECESSES = 3.66 X 1M
HARD STANDING SPECTATOR AREA = 30 X 2M
ACCESS ROUTES =
NEW PATHWAY CREATED TO NORTH FOR PUBLIC ACCESS
NEW PATHWAY AROUND SOUTH END TO ALLOW TOILET ACCESS AND SCHOOL ACCESS ROUTE

LINE MARKING
FOOTBALL GOAL BOXES = 10.0 X 5.0M
CRICKET PITCH MARKING
BASKETBALL COURT MARKINGS

PERIMETER FENCING
3.0M HIGH TWIN BAR PANEL FENCING (RAL 6005 - DARK GREEN)
AND 4.0M HIGH TWIN BAR PANEL FENCING (RAL 9016 - WHITE OR SIMILAR)

3NR DOUBLE GATE(S) (1NR FOR PLAYZONE MAINTENANCE ACCESS, 1NR FOR STORAGE AREA AND 1NR FOR ACCESS BETWEEN SCHOOL AND PLAYZONE AREA)

1NR SINGLE GATE MOUNTING FRAME FOR CIA / CLUBSPARK GATE
1NR SINGLE GATE FOR COMMUNITY ACCESS FROM ALLESLEY DRIVE

ADDITIONAL FENCING REQUIRED TO SEPARATE NEW PLAYZONE FROM THE SCHOOL, TO ALLOW SUFFICIENT SAFEGUARDING FOR THE SCHOOL FROM EXTERNAL USERS OF THE FACILITY

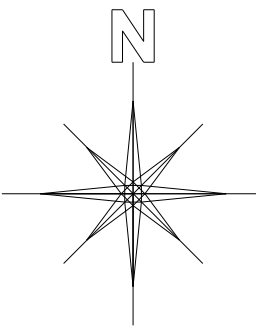
LED FLOODLIGHTING
AVERAGE LUX = 200LUX / UNIFORMITY = 0.65

EQUIPMENT
2NR GOALS (INTEGRAL TO FENCING)
2NR BENCHES
2NR WASTE BINS
1NR STORAGE CONTAINER
8NR ADDITIONAL CRICKET WICKET SIGNAGE INTEGRAL TO FENCING
2NR BASKETBALL HOOP SYSTEMS

BIODIVERSITY GAIN
0.04HA OF WILDFLOWER TYPE SPECIES RICH GRASSLAND
9 SPECIES PER M2

CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF WORK
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- LEGEND / KEY**
- SYNTHETIC TURF
 - HARD STANDING AREAS
 - PLAYZONE PERIMETER FENCING
 - NEW BOUNDARY FENCING
 - BENCHES
 - BINS
 - SINGLE GATE
 - DOUBLE GATE
 - BIODIVERSITY GAIN AREA
 - STORAGE AREA
 - BICYCLE RACK



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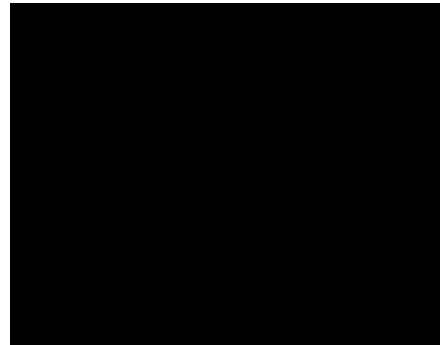
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CLIENT			
UNITY SCHOOL			
PROJECT			
PLAYZONE FACILITY DEVELOPMENT			
DEVELOPMENT LAYOUT			
DRAWING	PLANNING	MD	02
DATE	LSUK 24-0479	20/02/2025	
PROJECT	A1	SCALE	1:200
PAPER SIZE	A1	SCALE	1:200
			24-0479 03P

Appendix B Utility Service Plans

Soiltechnics

**Soiltechnics
Cedar Barn,
Walgrave,
NN6 9PY**

FAO:



**Your Ref: STV6309
Our Ref: UUPS-ORD-534496
Date: 28/11/2023**

Dear Sirs

Location: 41 ALLESLEY DRIVE, SALFORD, M7 4YE

I acknowledge with thanks your request dated 24/11/2023 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

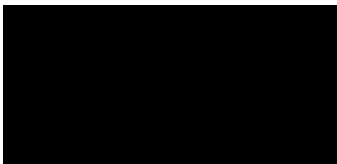
The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

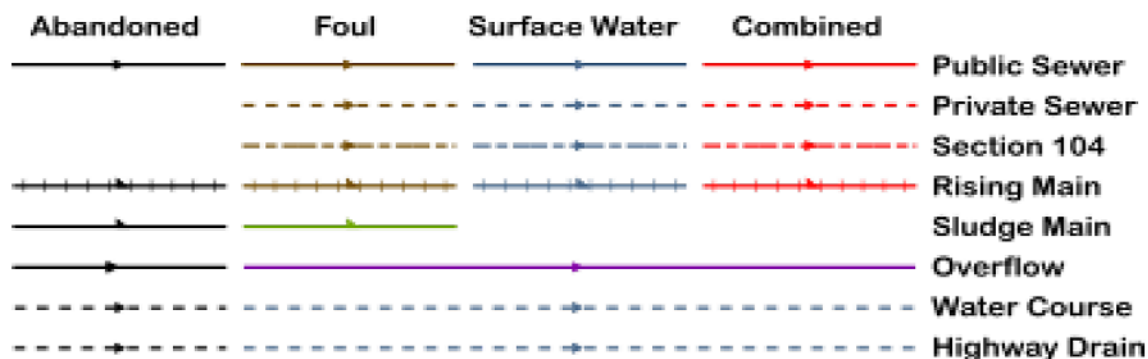
TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

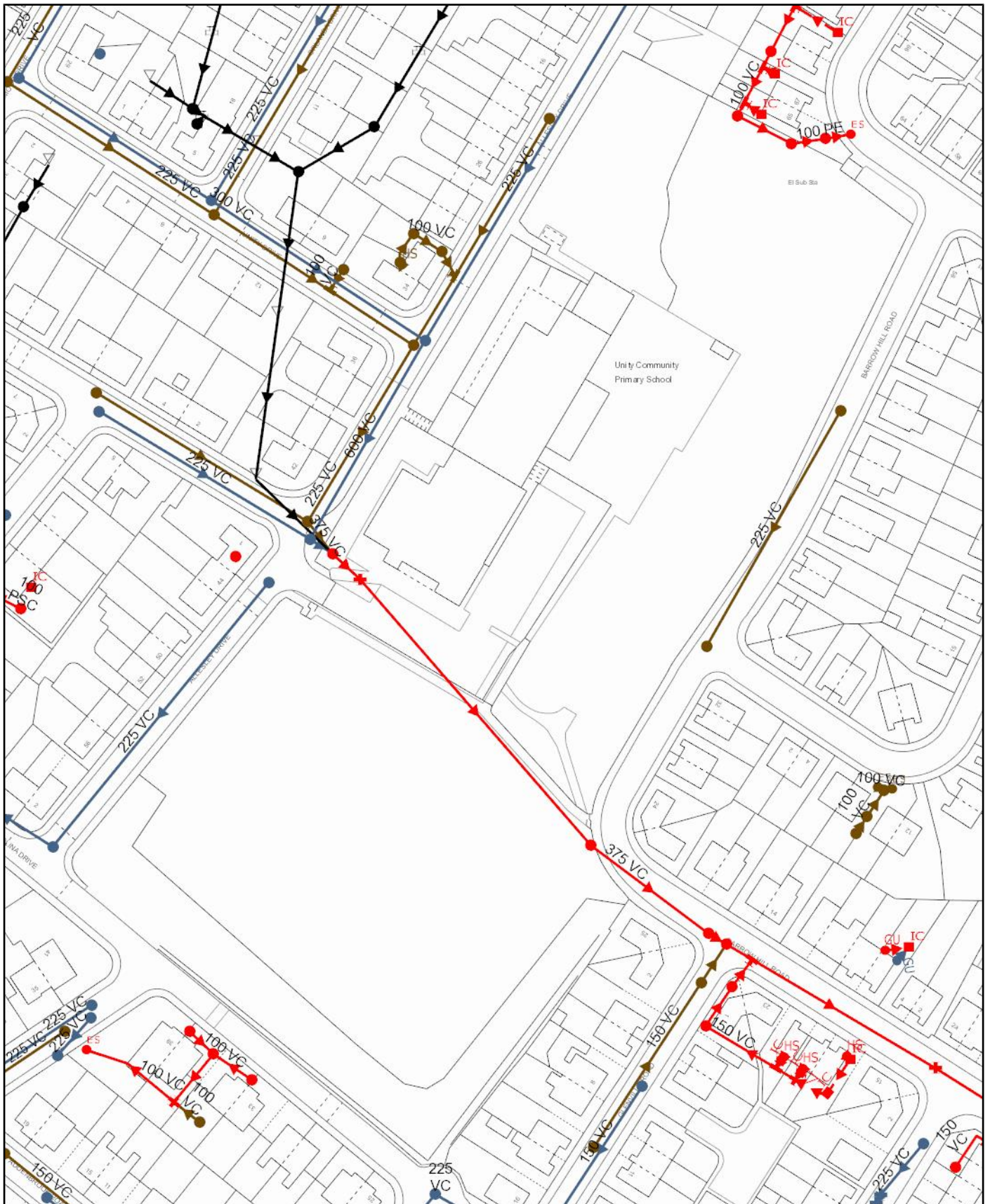
- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Wastewater Symbolology



All point assets follow the standard colour convention: **red** – combined **brown** - foul
blue – surface water **purple** - overflow

Manhole	Side Entry Manhole
Head of System	Outfall
Extent of Survey	Screen Chamber
Rodding Eye	Inspection Chamber
Inlet	Bifurcation Chamber
Discharge Point	Lamp Hole
Vortex	T Junction / Saddle
Penstock	Catchpit
Washout Chamber	Valve Chamber
Valve	Vent Column
Air Valve	Vortex Chamber
Non Return Valve	Penstock Chamber
Soakaway	Network Storage Tank
Gully	Sewer Overflow
Cascade	Ww Treatment Works
Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	



Scale: 1:1264
Date: 28/11/2023

SEWER RECORDS



Water for the North West

Address or Site Reference: 41 ALLESLEY DRIVE, SALFORD, M7 4YE

Printed by: Property Searches

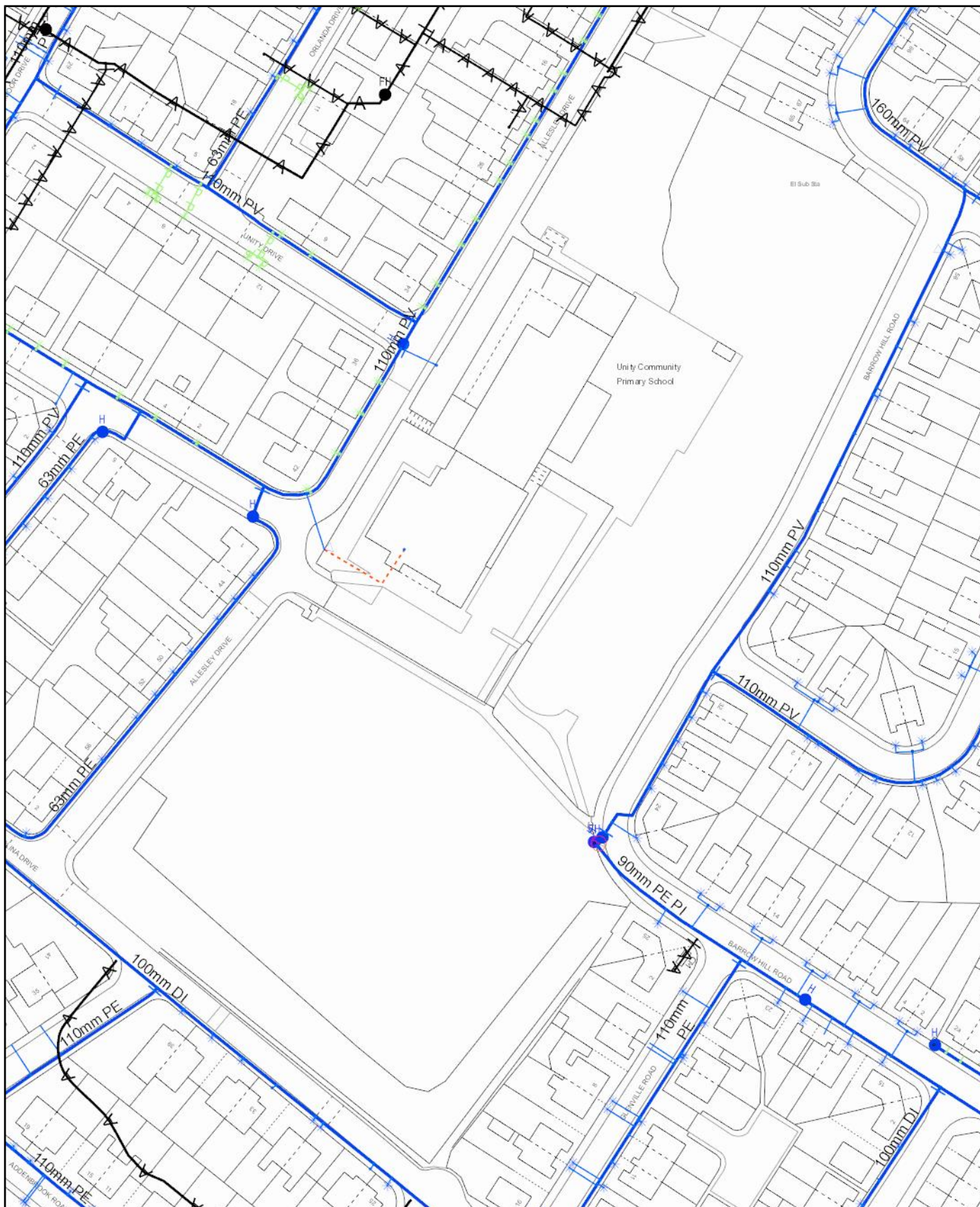
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Clean Water Symbolology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water
			Air Valve
			AC Valve, open
			AC Valve, closed
			CC Valve, open
			CC Valve, closed
			Non Return Valve
			Pressure Management Valve
			OMS Valve
			Stop Tap
			Flow Meter
			Domestic Meter
			Commercial Meter
			Pump
			Hydrant
			Fire Hydrant
			Anode
			Chlorination Point
			De-chlorination Point
			Strainer Point
			Access Point
			Hatch Box
			IP Point
			Sampling Station
			Logger Box
			Bore Hole
			Inlet Point
			Bulk Supply Point
			End Cap
			Site Termination
			Change of Characteristic
			Condition Report
			<u>Property Types</u>
			Water Tower
			Valve House
			Booster Pumping Station
			Intake Pumping Station
			Water Treatment Works
			Supply Reservoir
			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

Symbology for proposed assets is the same as above, but shown in **green**
 Symbology for abandoned assets is the same as above, but shown in **black**



Scale: 1:1264
Date: 28/11/2023

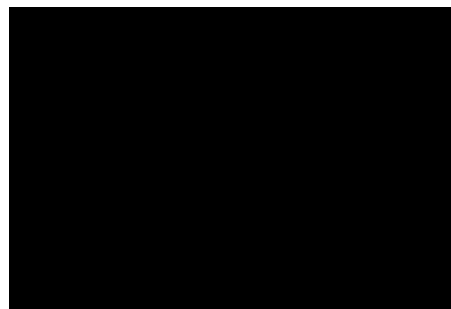
WATER MAINS RECORDS

Address or Site Reference: 41 ALLESLEY DRIVE, SALFORD, M7 4YE
Printed by: Property Searches

 **United
Utilities**
Water for the North West

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How to contact us:**Soiltechnics**

**Soiltechnics
Cedar Barn,
Walgrave,
NN6 9PY**

FAO:

**Your Ref: STV6309
Our Ref: UUPS-ORD-534496
Date: 28/11/2023**

Dear Sirs

Location: 41 ALLESLEY DRIVE, SALFORD, M7 4YE

I acknowledge with thanks your request dated 24/11/2023 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

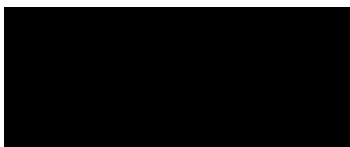
The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

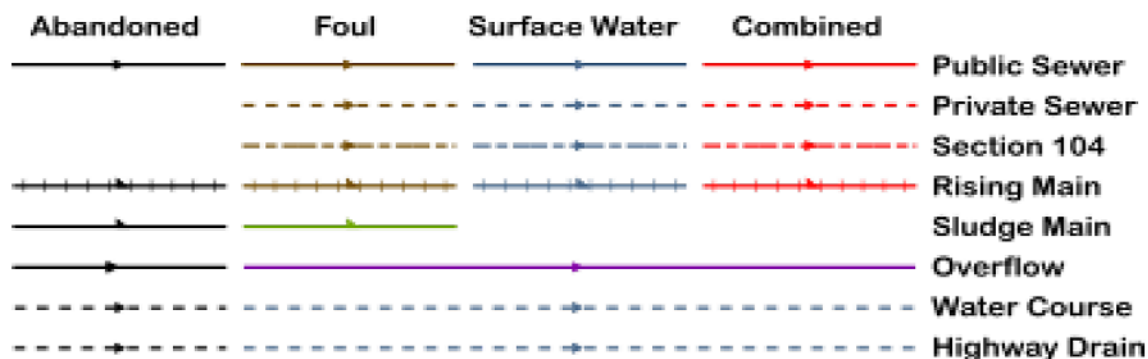
TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

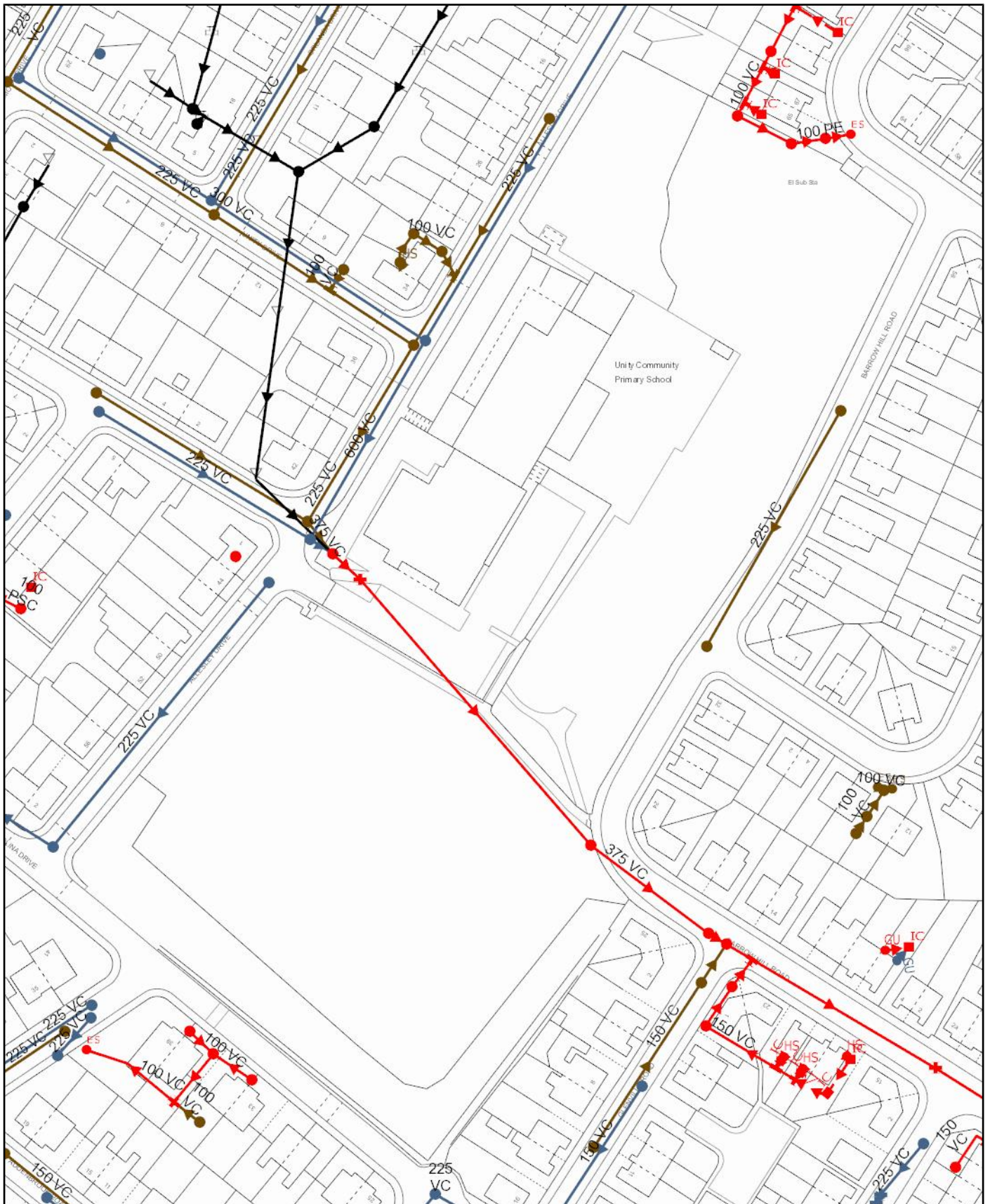
- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Wastewater Symbolology



All point assets follow the standard colour convention: **red** – combined **brown** - foul
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Extent of Survey	Screen Chamber
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Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	



Scale: 1:1264
Date: 28/11/2023

SEWER RECORDS



Water for the North West

Address or Site Reference: 41 ALLESLEY DRIVE, SALFORD, M7 4YE

Printed by: Property Searches

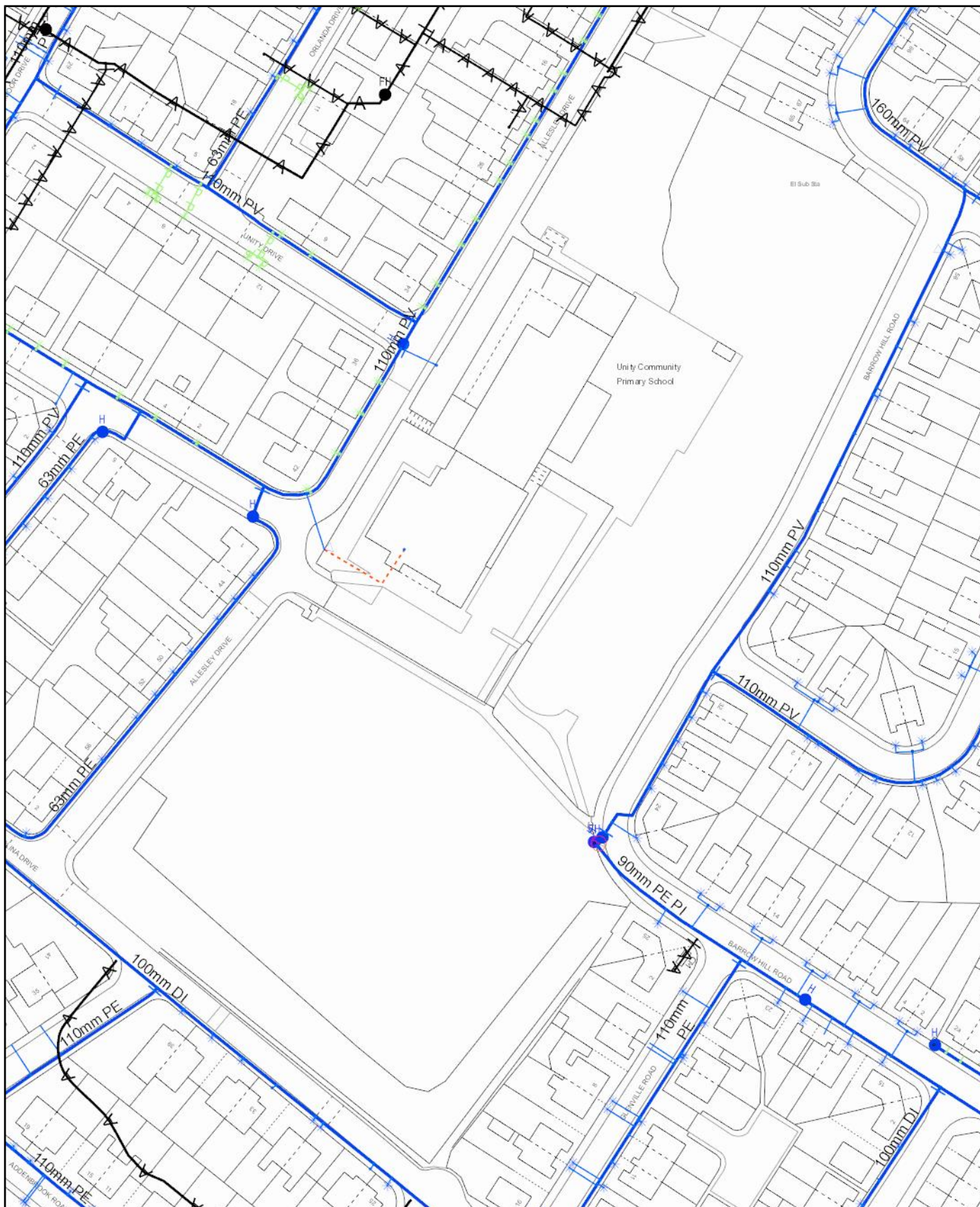
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Clean Water Symbolology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water
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			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

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Scale: 1:1264
Date: 28/11/2023

WATER MAINS RECORDS

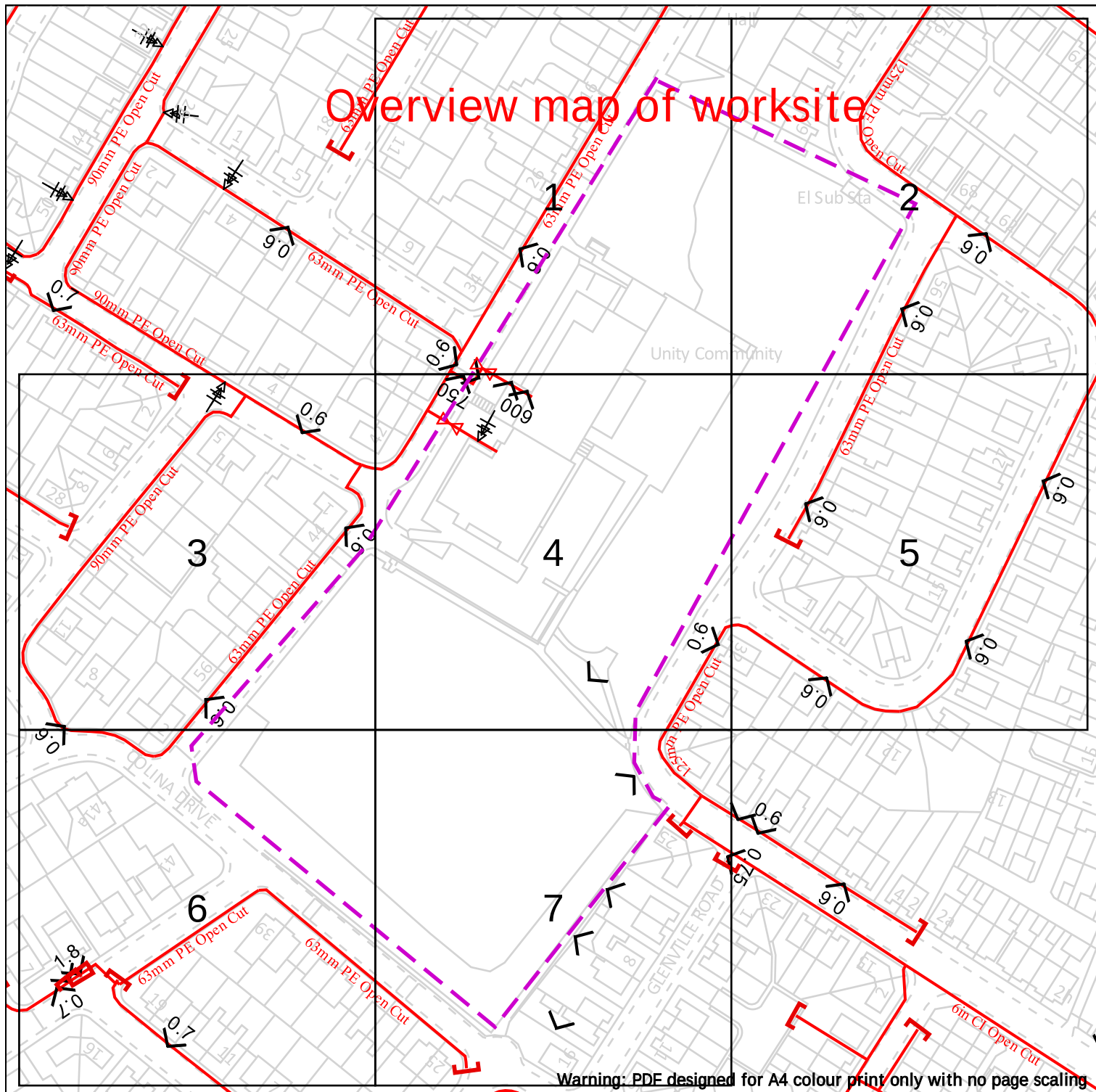
Address or Site Reference: 41 ALLESLEY DRIVE, SALFORD, M7 4YE
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 **United
Utilities**
Water for the North West

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Overview map of worksite



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Cadent
Your Gas Network

Dig Sites



Area: - - - -

LP Mains
MP Mains
IP Mains
LHP Mains

Line: - - - -



Out of Standard Service

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.

Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
 - Identification of dual services
 - Recording of non-perpendicular services
- A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

IMPORTANT NOTICES

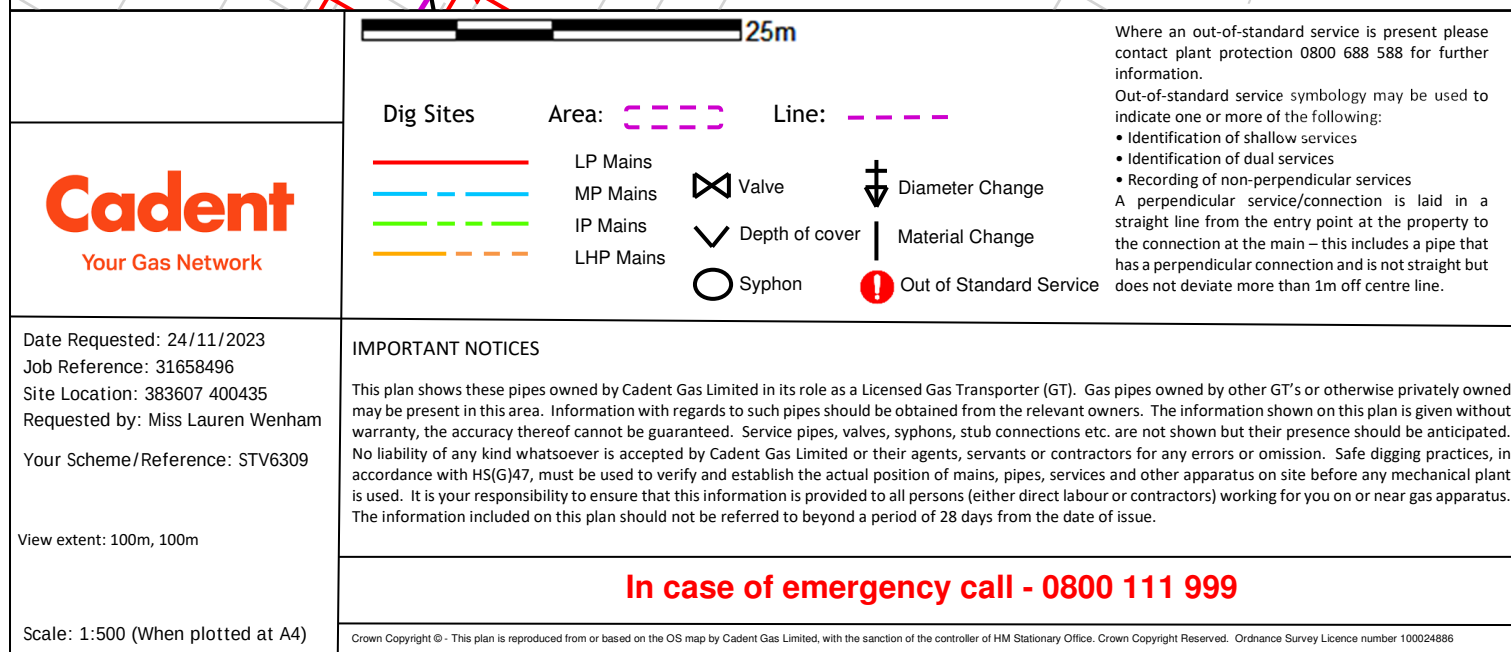
This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

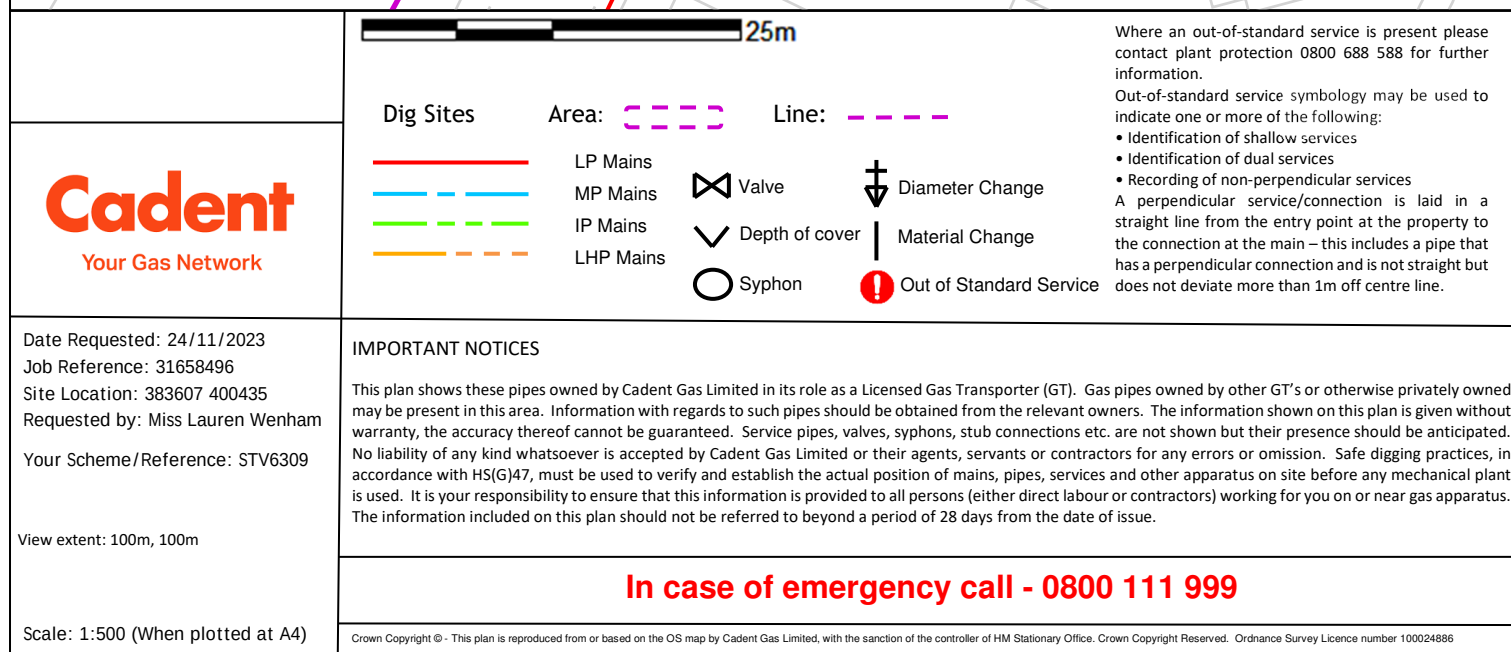
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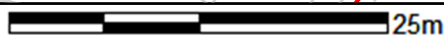
Scale: 1:1538 (When plotted at A4)

In case of emergency call - 0800 111 999

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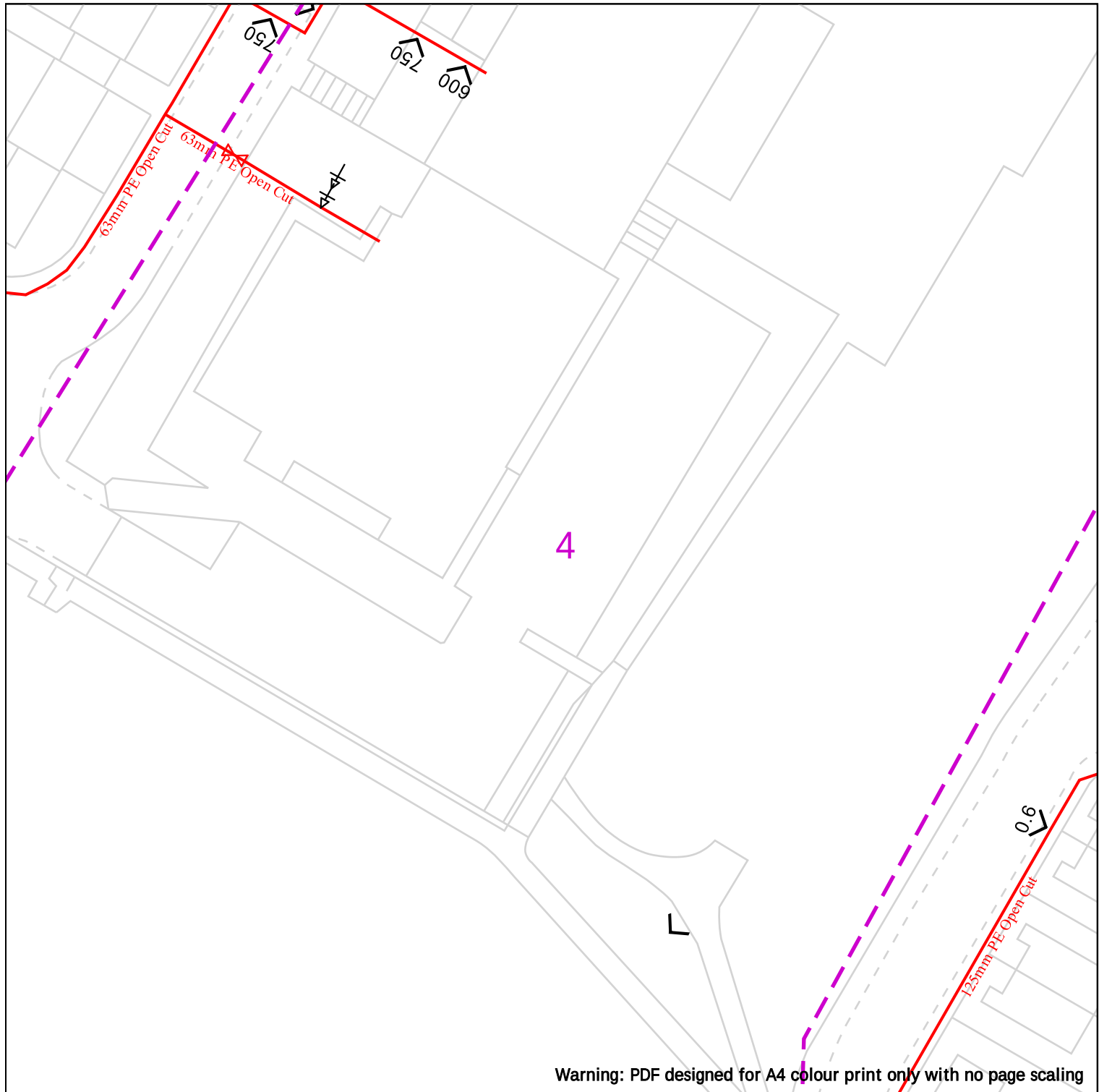
Line: 

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

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25m

Dig Sites

Area:

Line:



LP Mains



MP Mains



IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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View extent: 100m, 100m

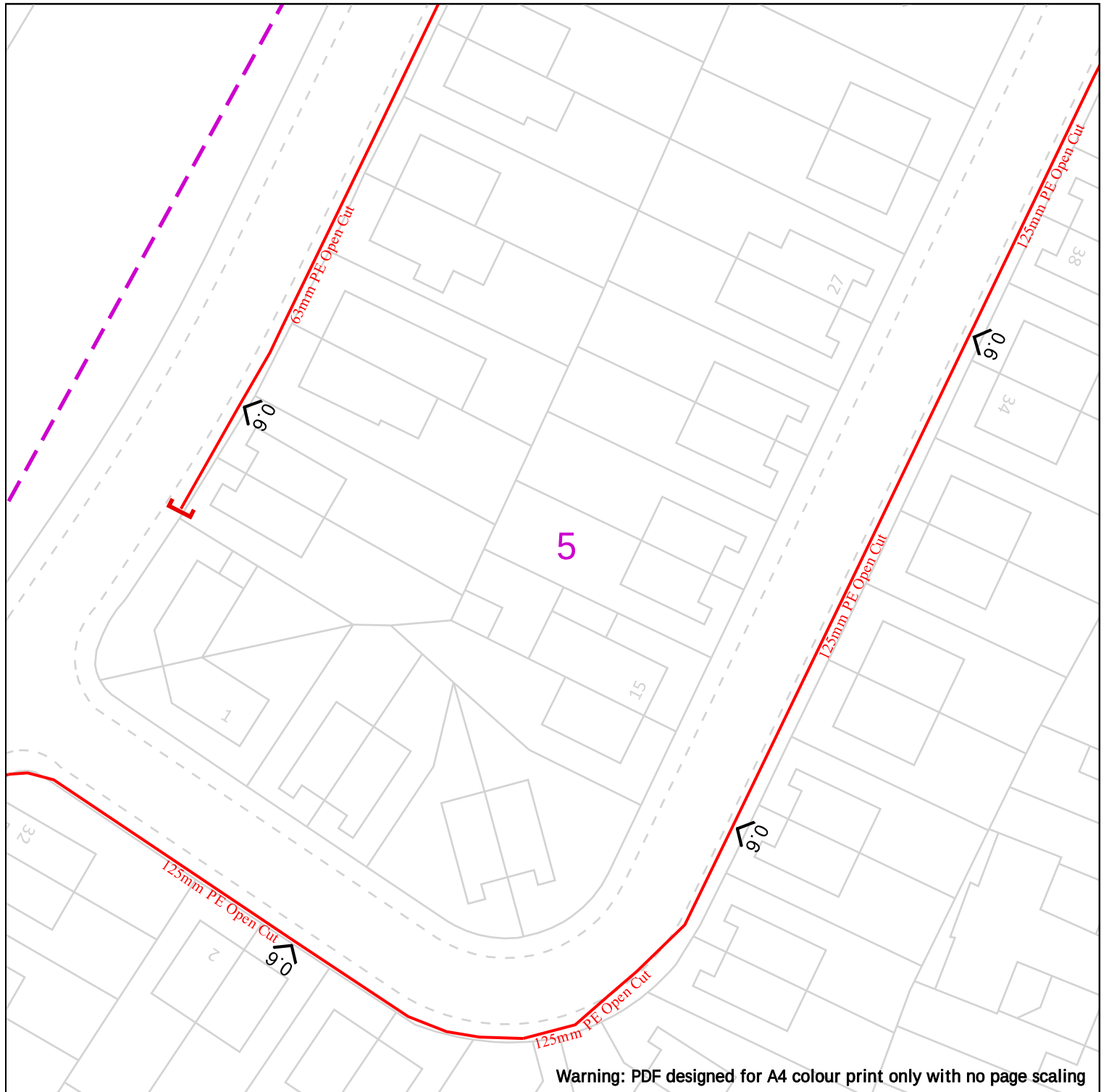
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IMPORTANT NOTICES

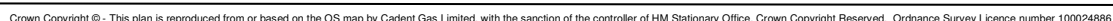
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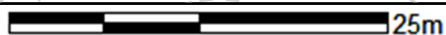
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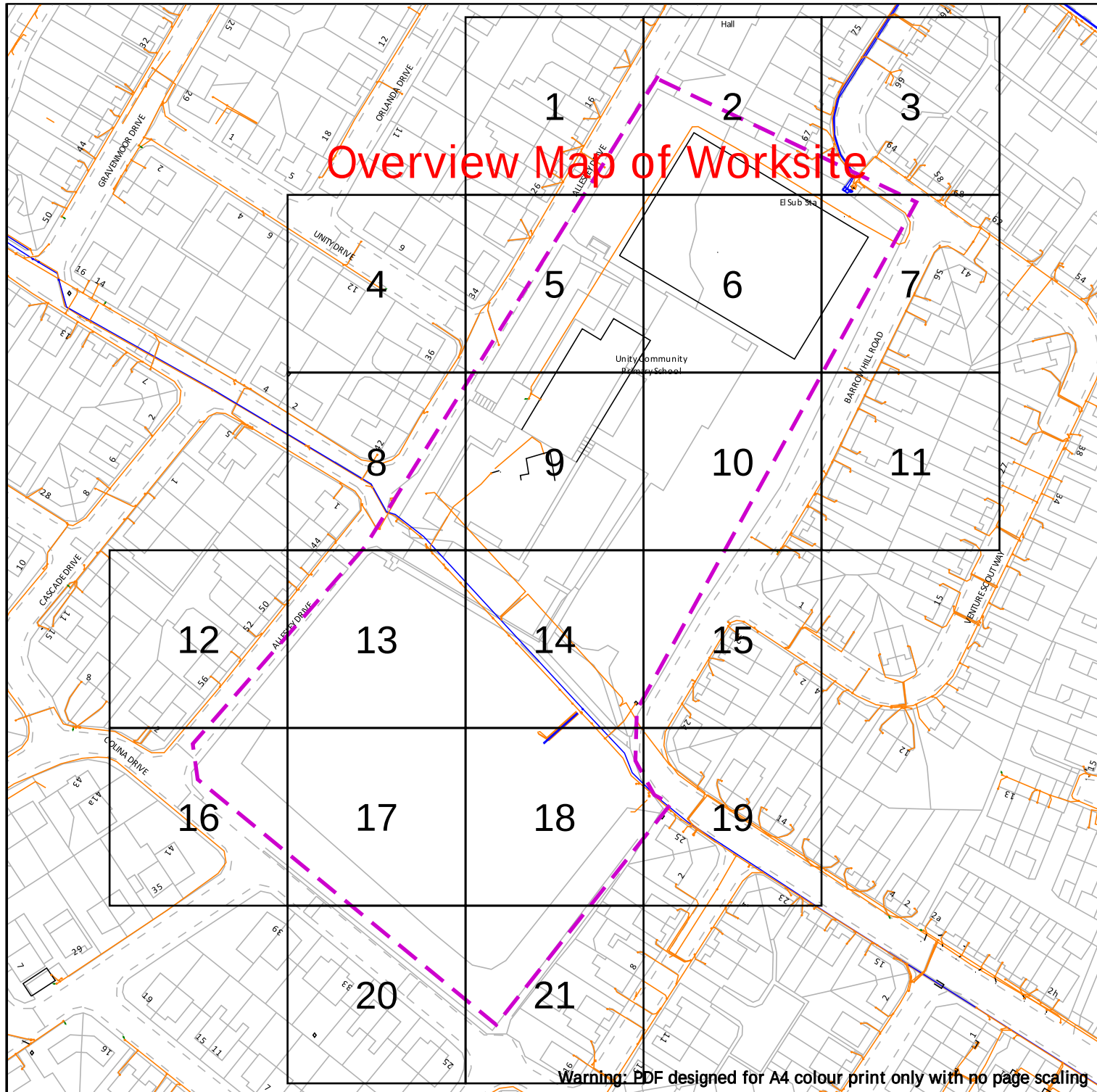
Line: 

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HSG47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

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Overview Map of Worksite



Warning: PDF designed for A4 colour print only with no page scaling



Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line:

Area:

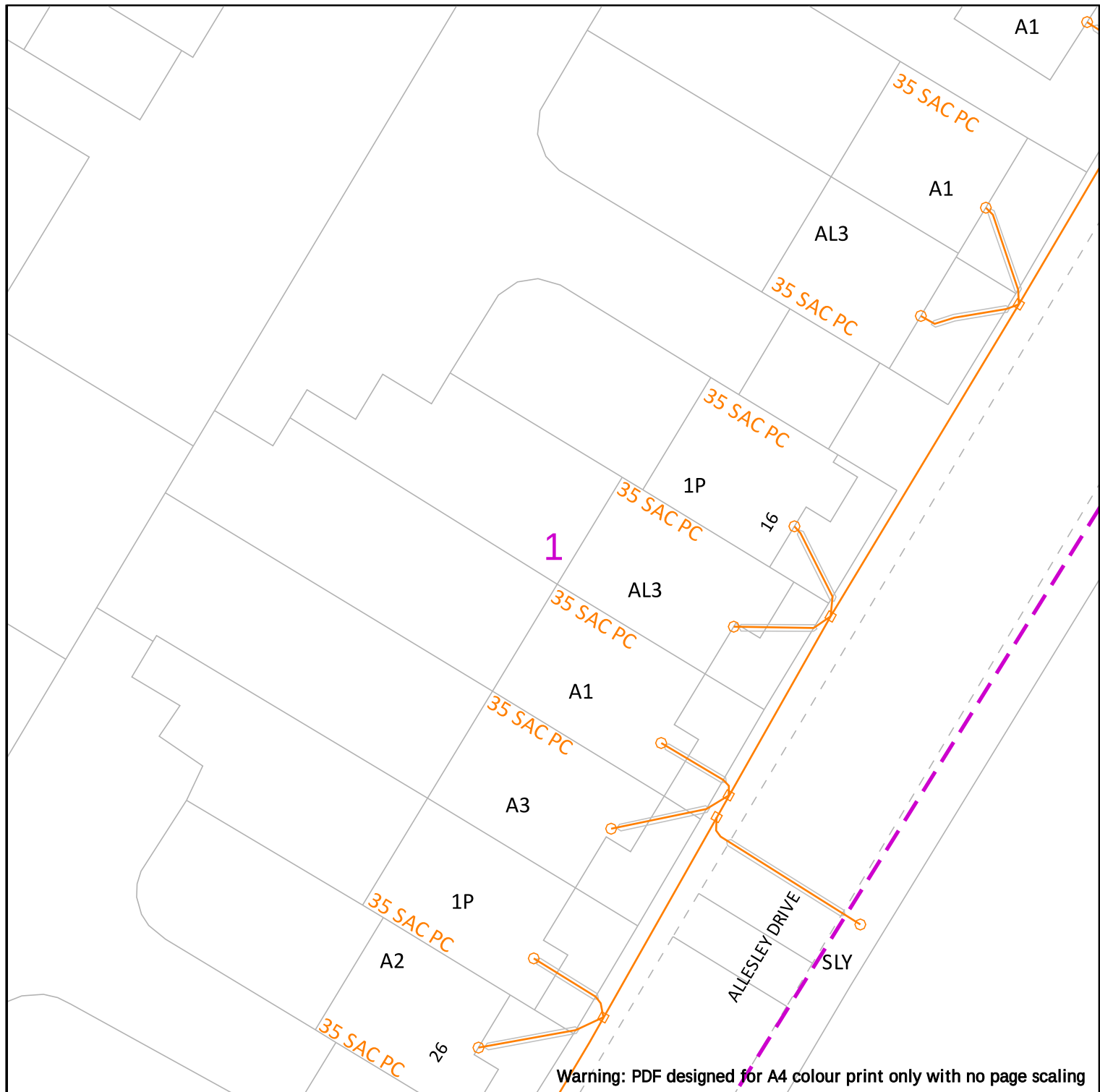
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

IMPORTANT INFO

Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949

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Scale: 1:1537 (When plotted at A4)



Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: ---

Area: []

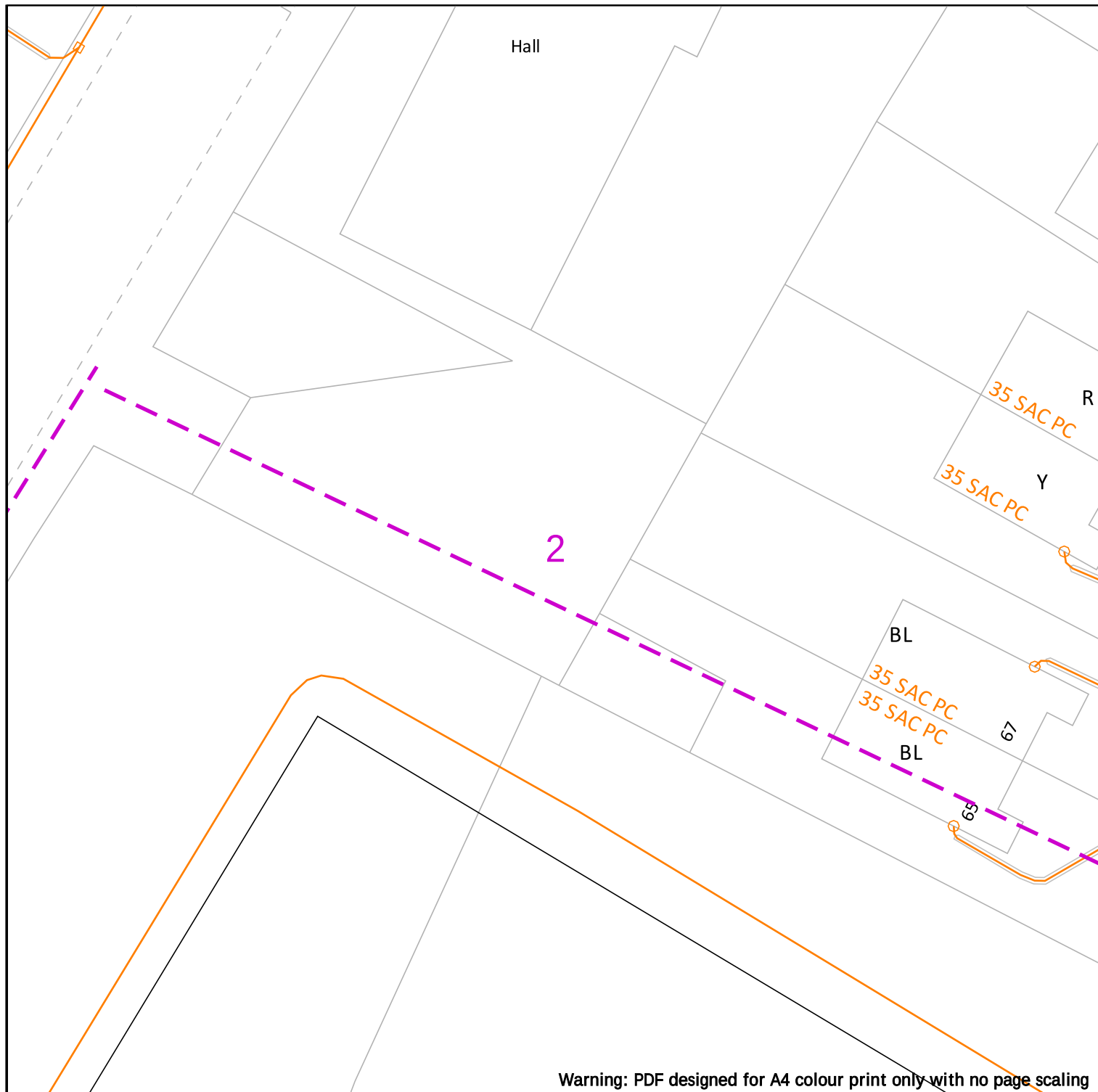
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

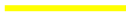
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Scale: 1:250 (When plotted at A4)



<div></div> <div><div>Data Management</div><div>Electricity North West</div><div>Linley House</div><div>Dickinson Street</div><div>Manchester, M1 4LF</div><div>Phone: 0800 195 4141</div><div>Email: planrequest@enwl.co.uk</div></div>	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
	LV	Orange			
		Unknown Voltage	Brown		
<div><div>IMPORTANT INFO</div><div>Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949</div></div>					
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Date Requested: 24/11/2023

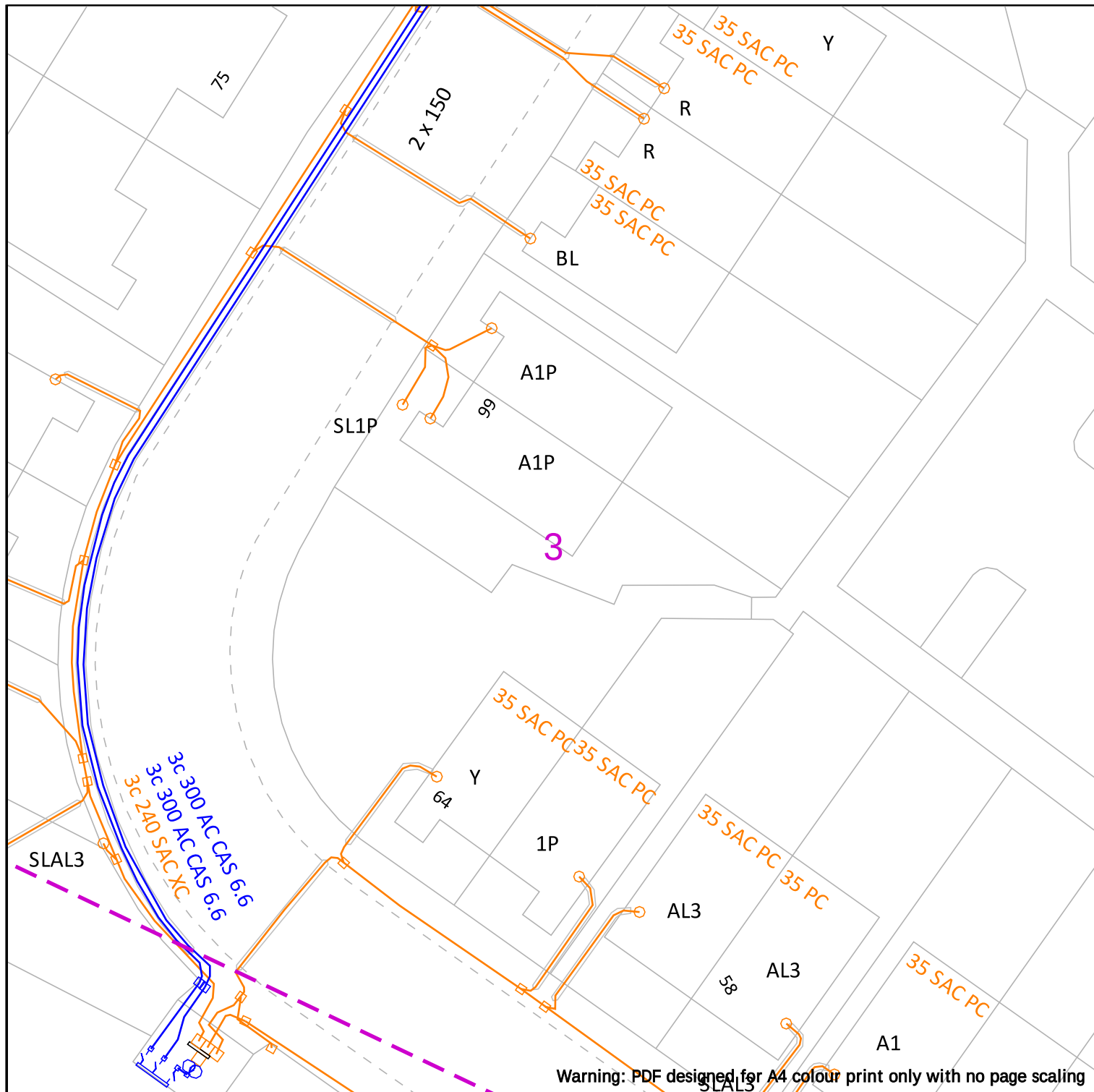
Job Reference: 31658496

Site Location: 383607 400435

Requested by: Miss Lauren Wenham

Your Scheme/Reference: STV6309

Scale: 1:250 (When plotted at A4)



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Phone: 0800 195 4141
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Date Requested: 24/11/2023
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Site Location: 383607 400435
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Scale: 1:250 (When plotted at A4)

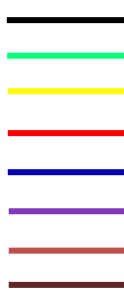
Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV
Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

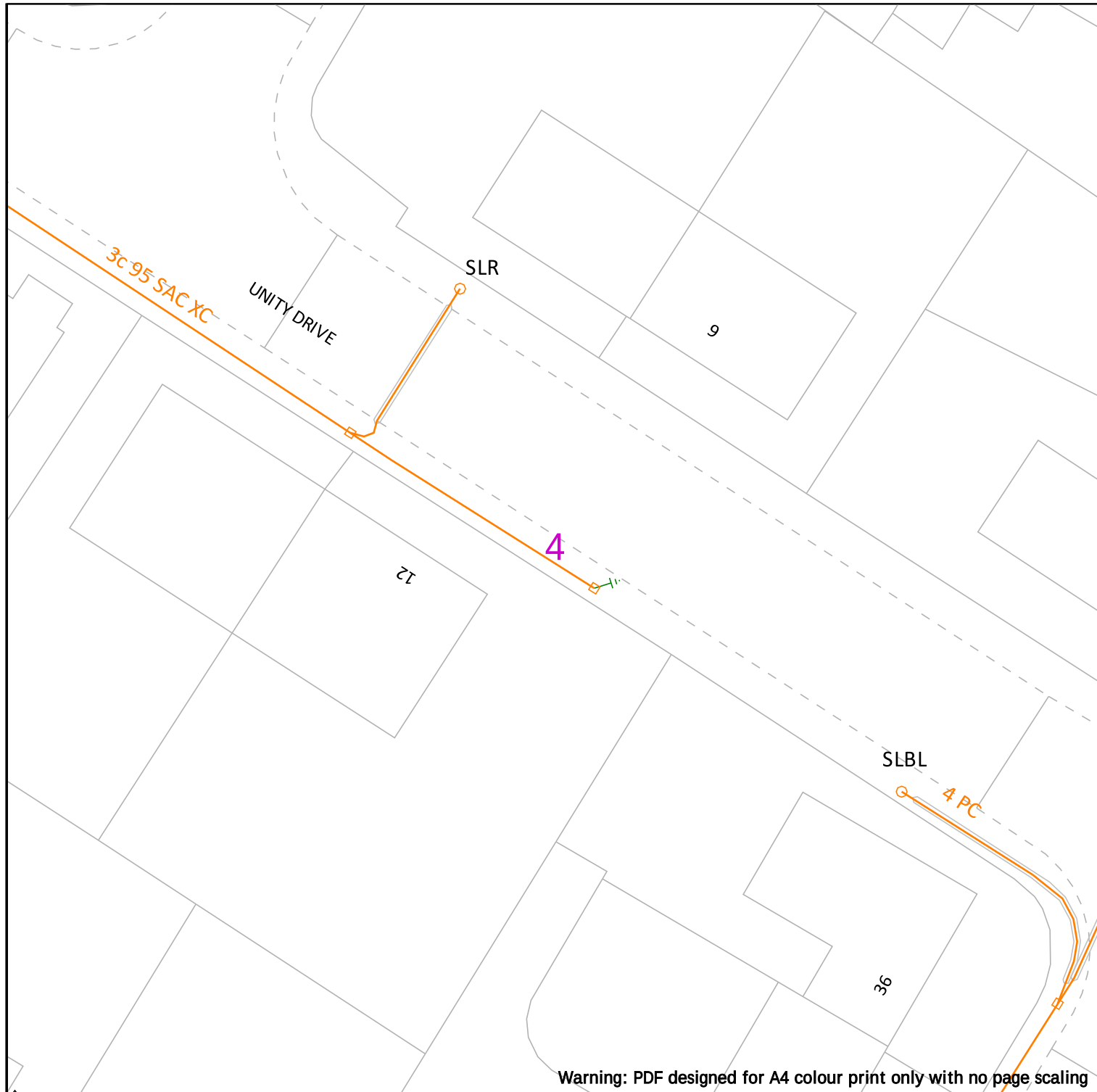
Dig Sites

Line: ---
Area: []

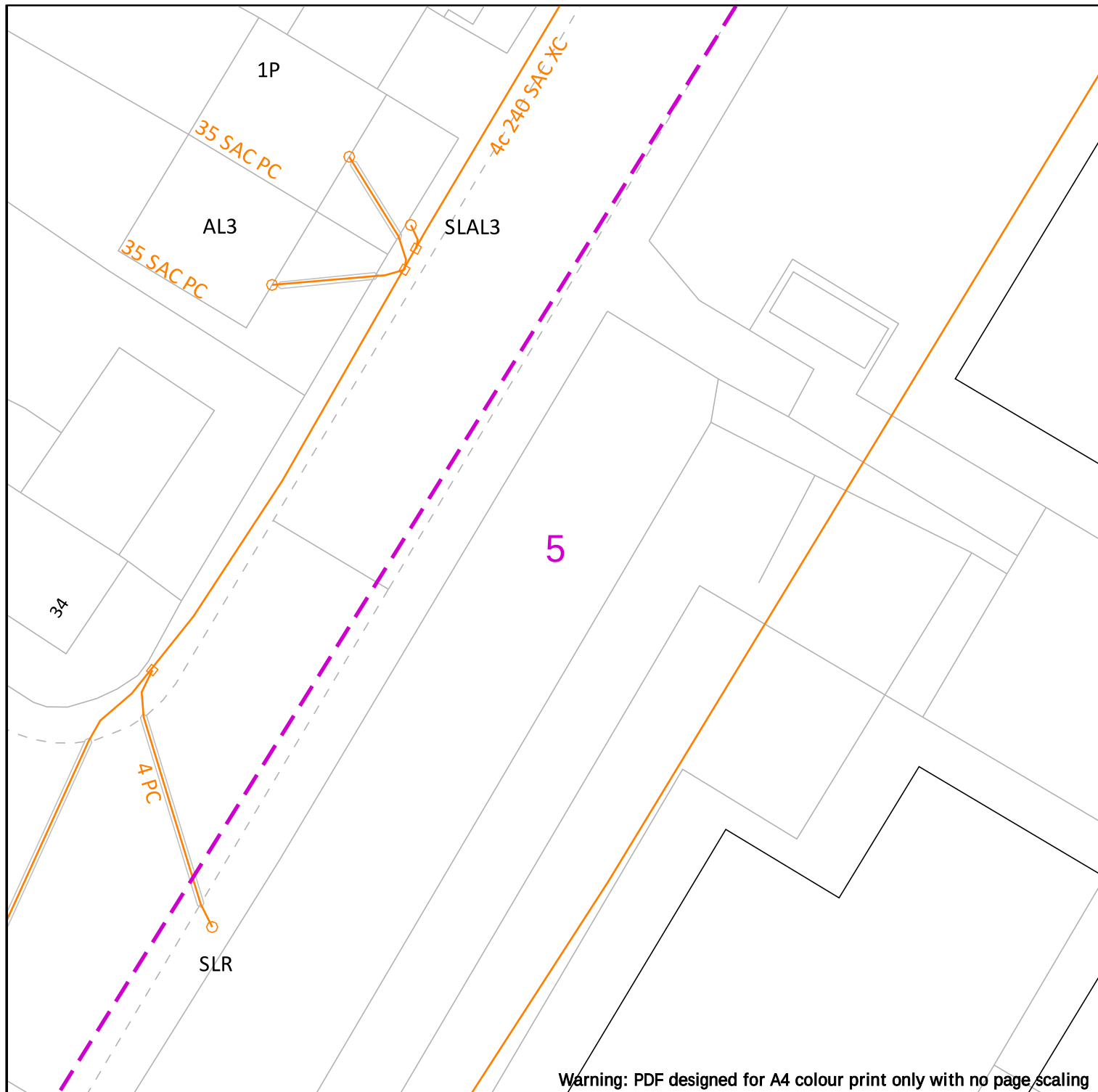
IMPORTANT INFO

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	Operating Voltage 132kV 33kV 22kV-25kV 11kV 6kV-6.6kV 1kV-6kV LV Unknown Voltage	Colour Code Black Green Yellow Red Blue Violet Orange Brown	Line Colour        	In an emergency call 105, 24 hours a day	Dig Sites Line:  Area: 
Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
Date Requested: 24/11/2023 Job Reference: 31658496 Site Location: 383607 400435 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6309 Scale: 1:250 (When plotted at A4)	Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017892.				



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Data Management
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Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - - -

Area: [] [] [] []

Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

IMPORTANT INFO

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Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

Scale: 1:250 (When plotted at A4)

Operating Voltage

132kV

33kV

22kV-25kV

11kV

6kV-6.6kV

1kV-6kV

LV

Unknown Voltage

Colour Code

Black

Green

Yellow

Red

Blue

Violet

Orange

Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

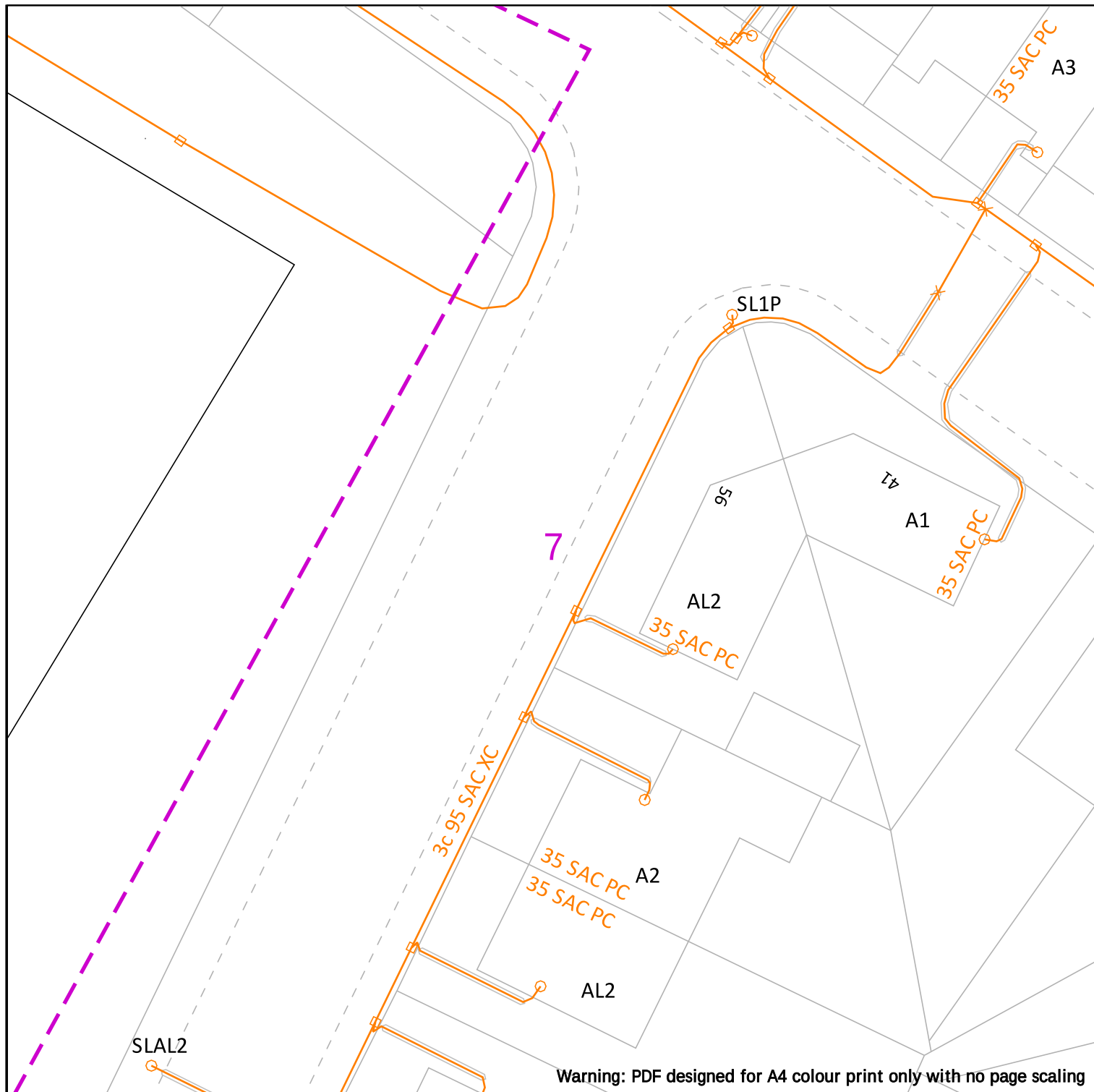
Area: [] [] [] []

IMPORTANT INFO

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Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

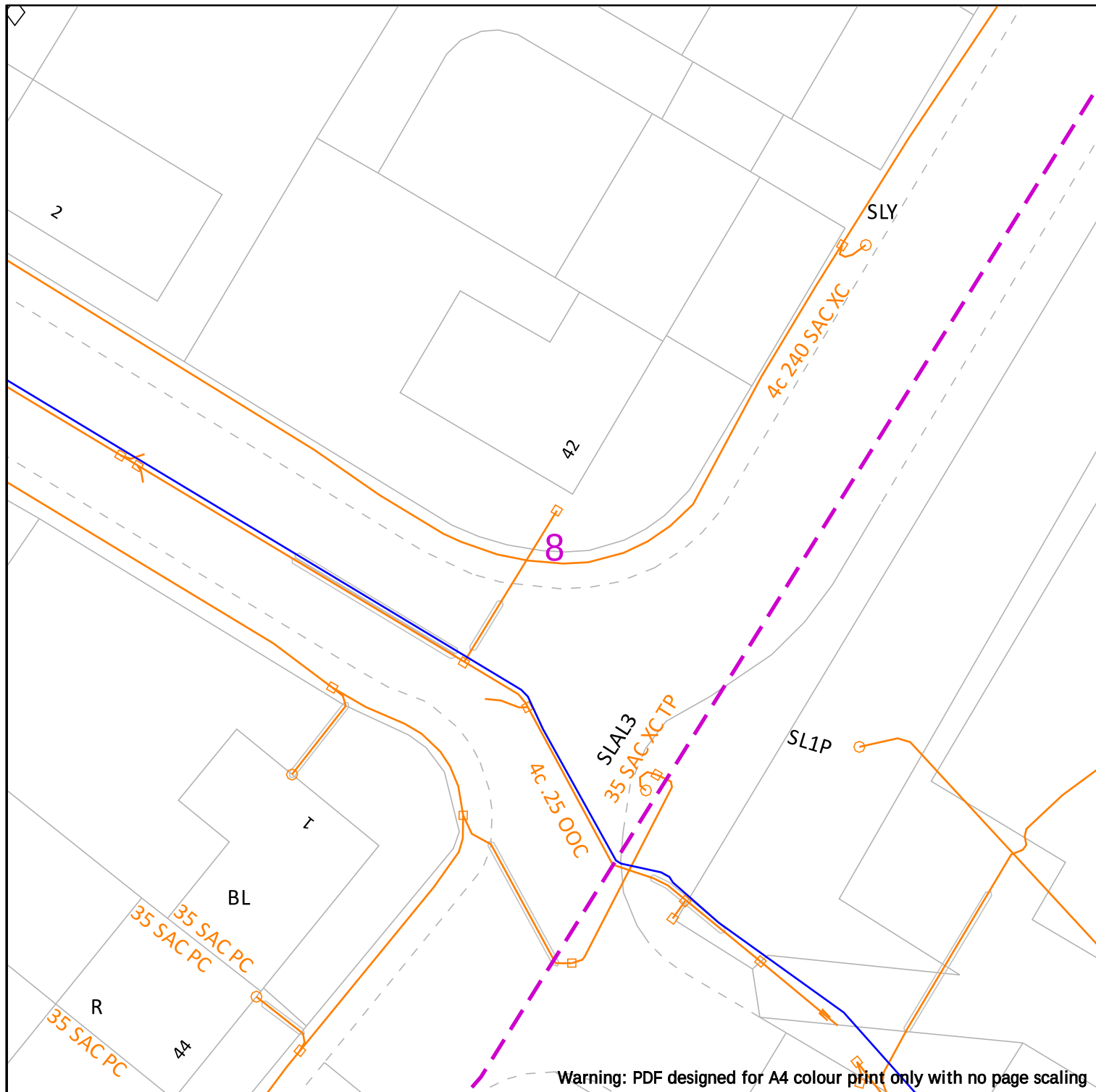
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

IMPORTANT INFO

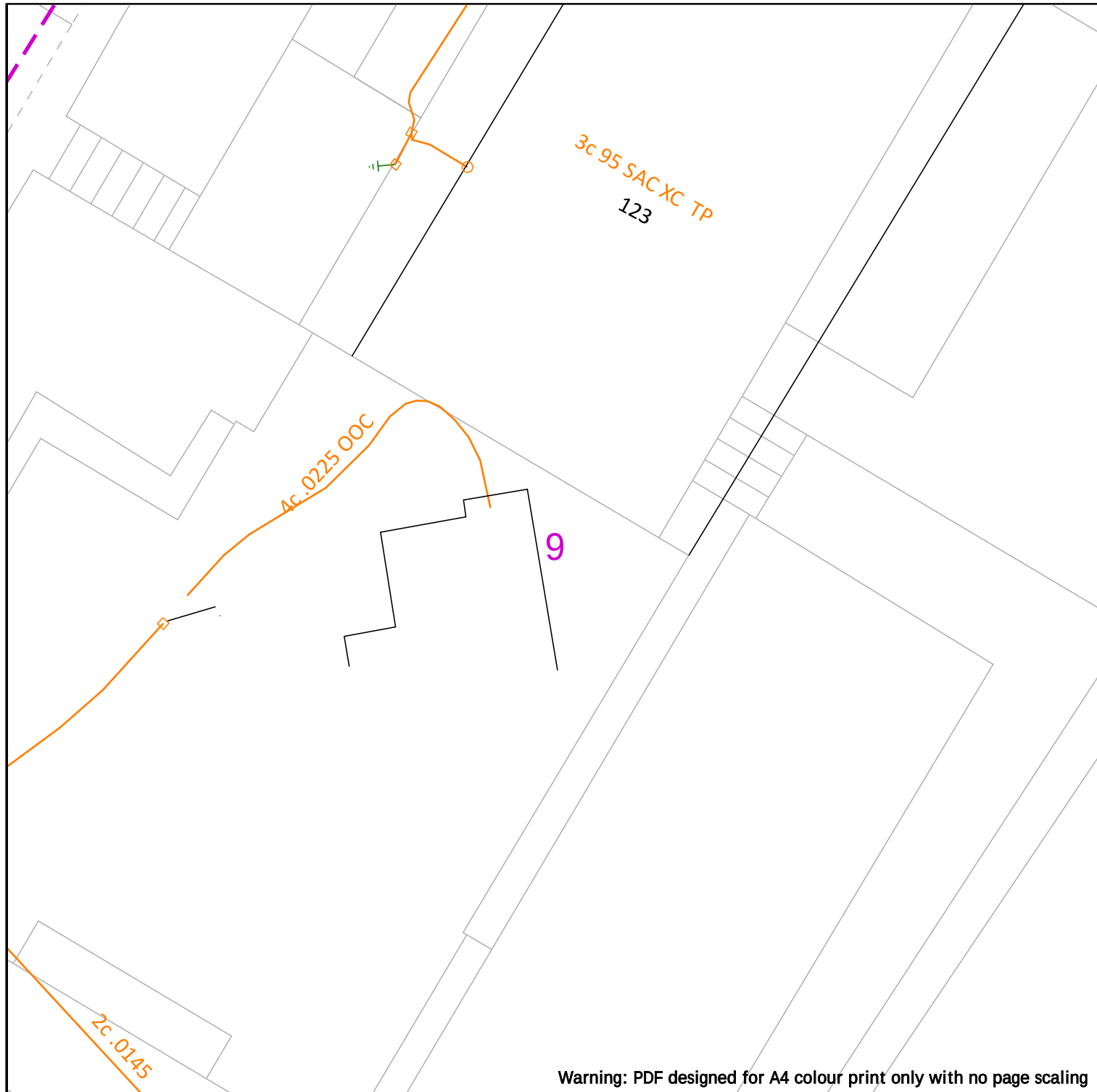
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	Operating Voltage 132kV 33kV 22kV-25kV 11kV 6kV-6.6kV 1kV-6kV LV Unknown Voltage	Colour Code Black Green Yellow Red Blue Violet Orange Brown	Line Colour        	In an emergency call 105, 24 hours a day	Dig Sites Line:  Area: 
Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
Date Requested: 24/11/2023 Job Reference: 31658496 Site Location: 383607 400435 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6309 Scale: 1:250 (When plotted at A4)	Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017892.				



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Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

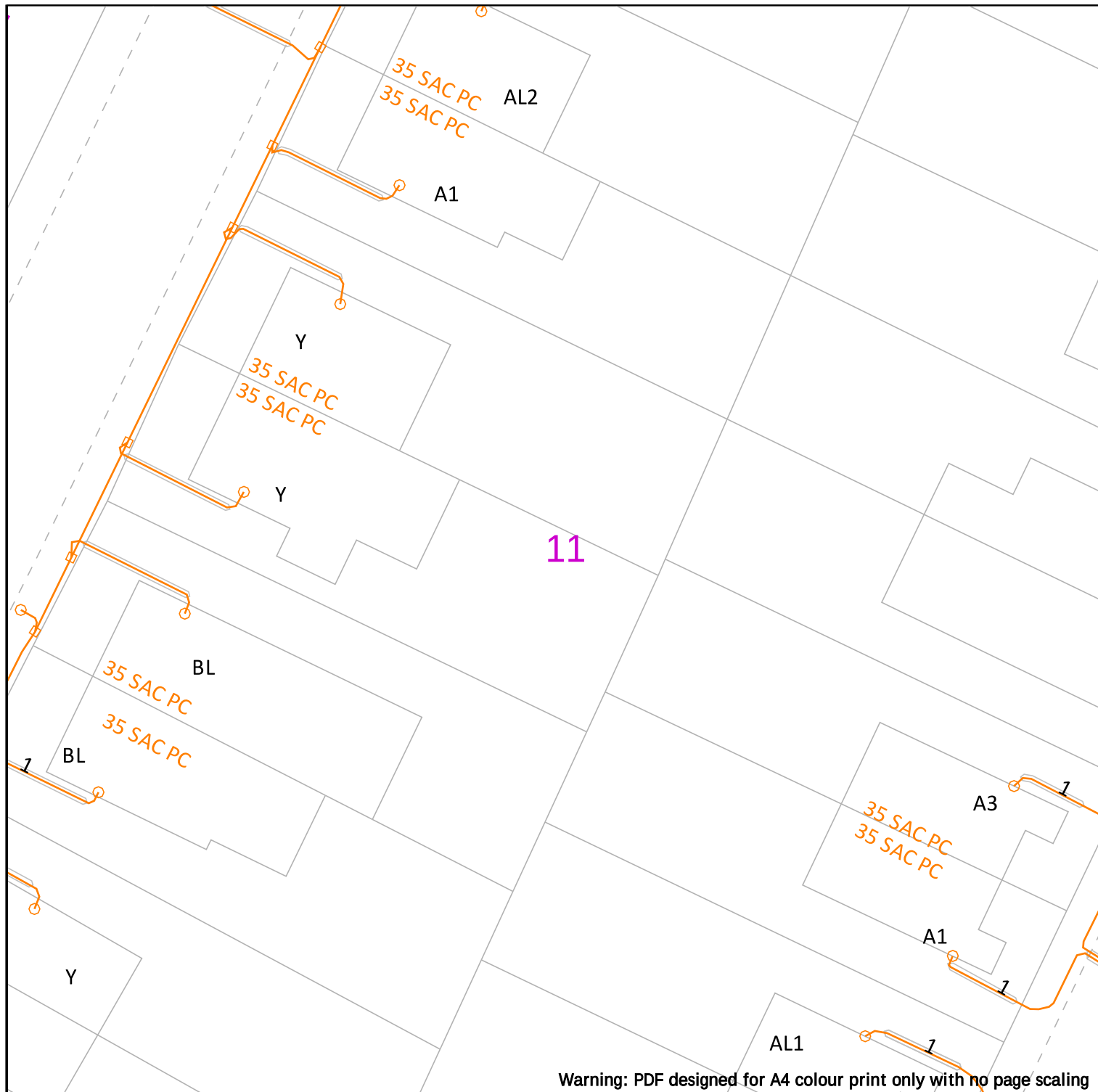
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

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Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage	Colour Code	Line Colour
132kV	Black	
33kV	Green	
22kV-25kV	Yellow	
11kV	Red	
6kV-6.6kV	Blue	
1kV-6kV	Violet	
LV	Orange	
Unknown Voltage	Brown	

In an emergency call 105,
24 hours a day

Dig Sites

Line:

Area:

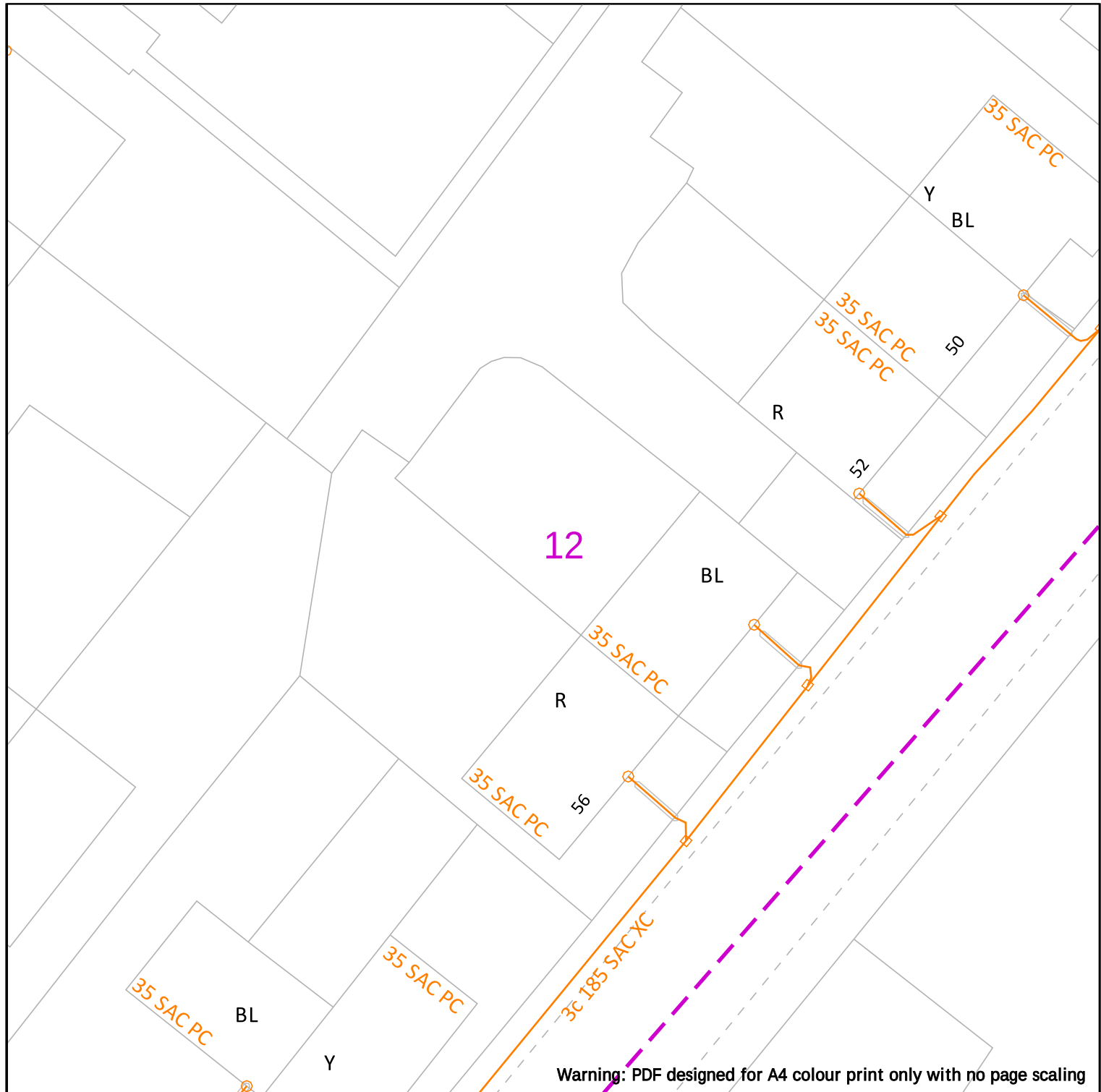
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
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Phone: 0800 195 4141
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Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV
Unknown Voltage

Colour Code

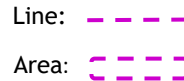
Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites



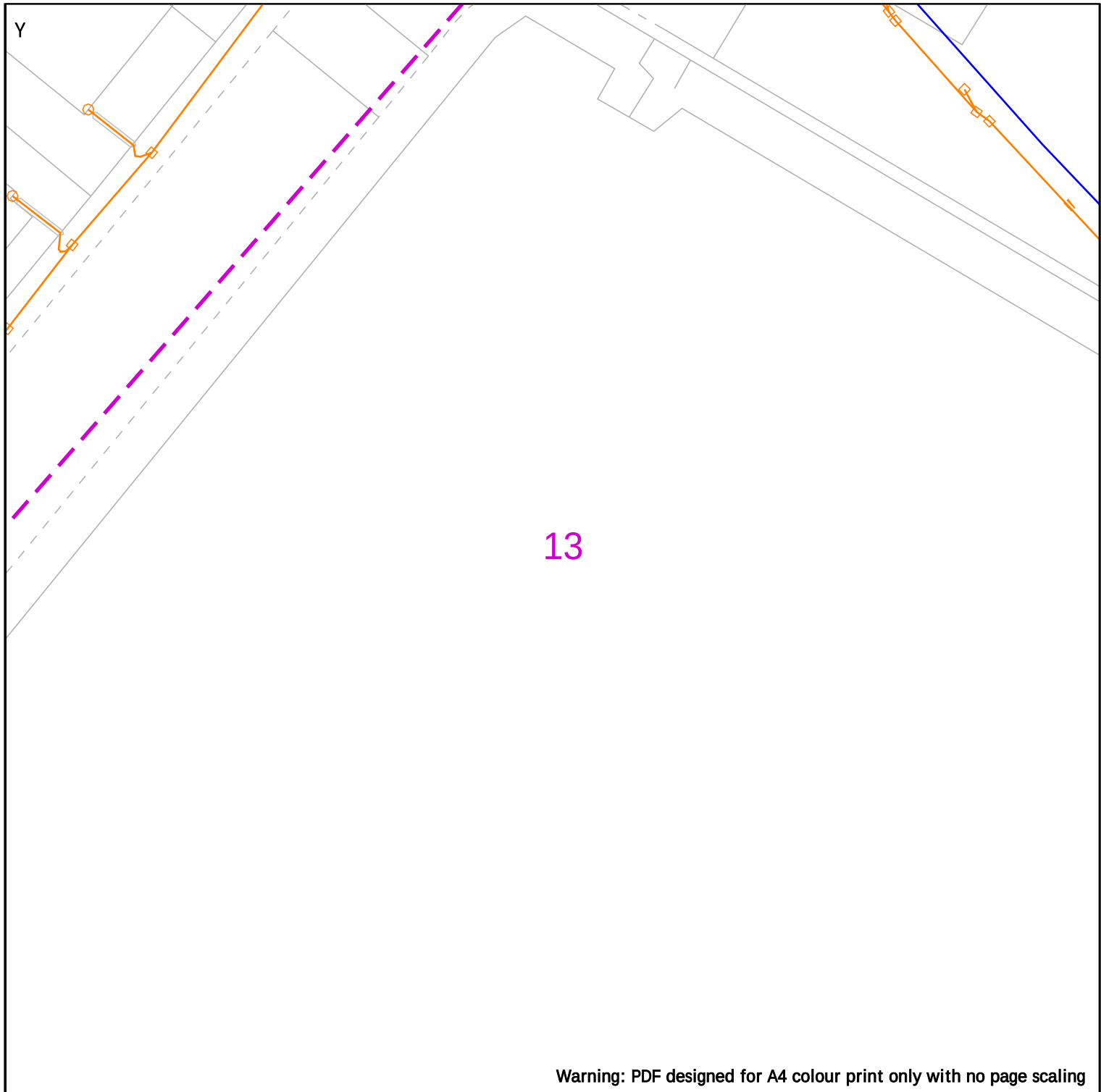
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
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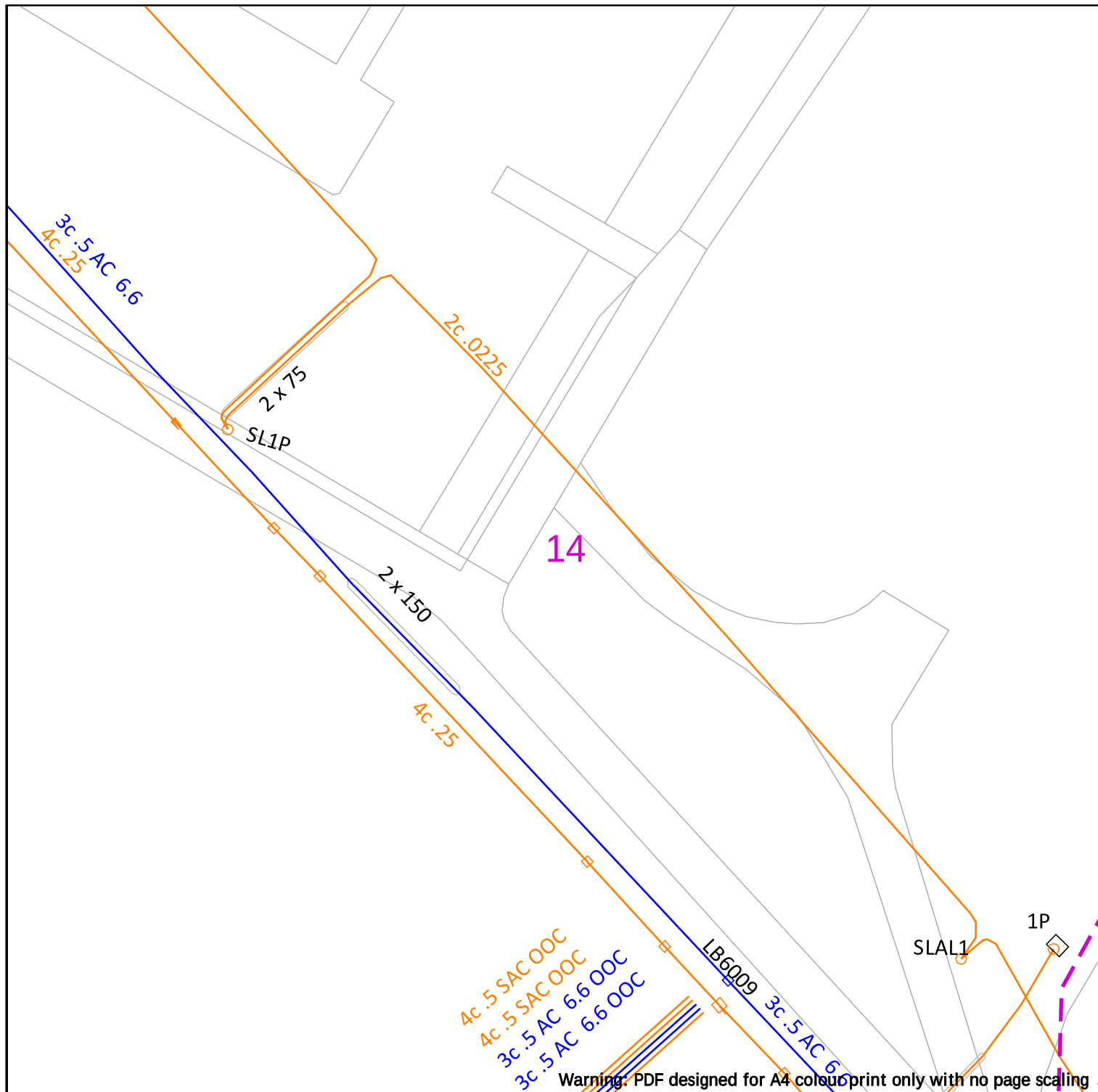
Scale: 1:250 (When plotted at A4)

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 Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
LV	Orange				
Date Requested: 24/11/2023 Job Reference: 31658496 Site Location: 383607 400435 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6309	Unknown Voltage	Brown			
	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
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Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: ---

Area: []

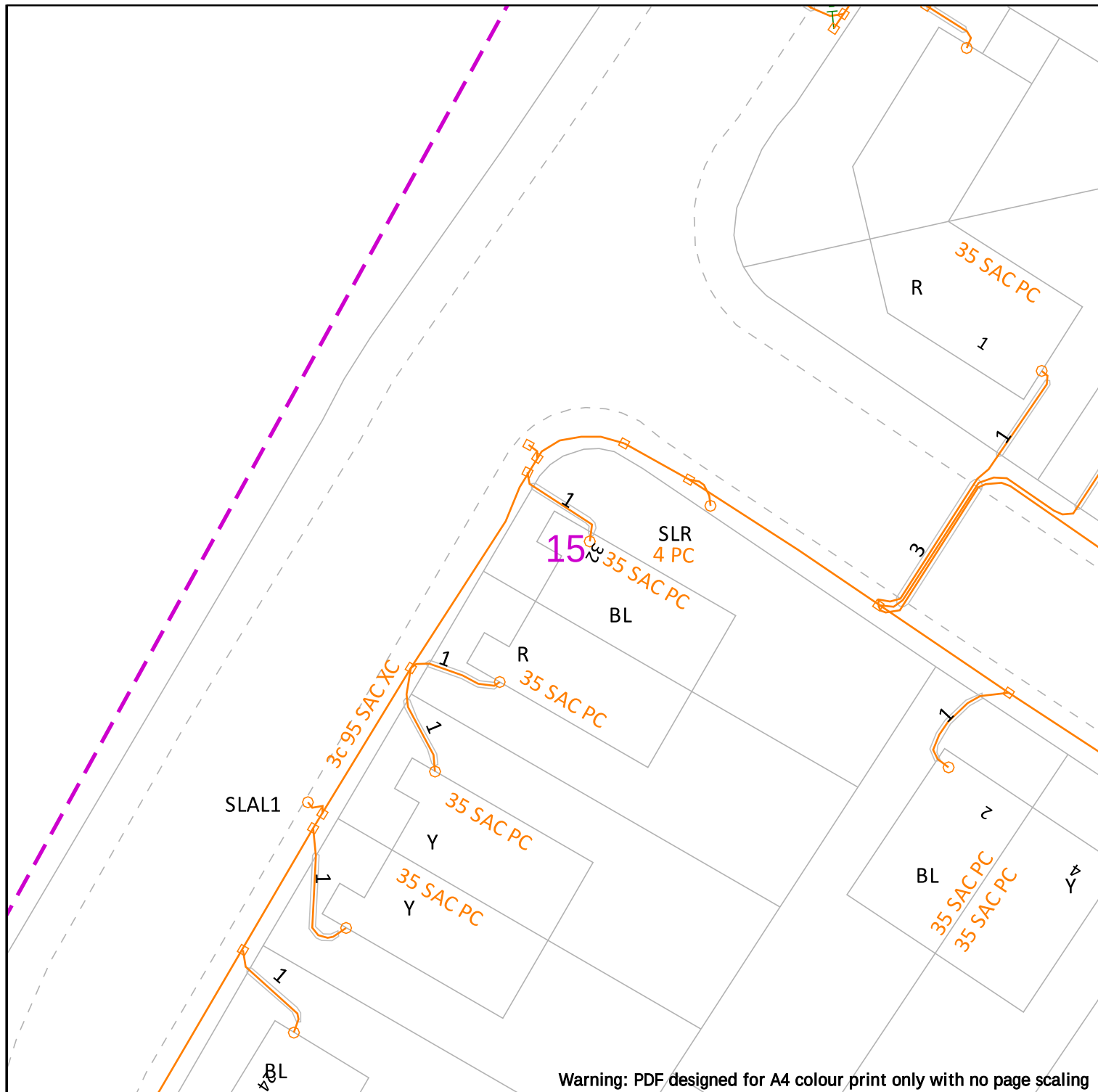
Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

IMPORTANT INFO

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Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV
Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



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24 hours a day

Dig Sites

Line:
Area:

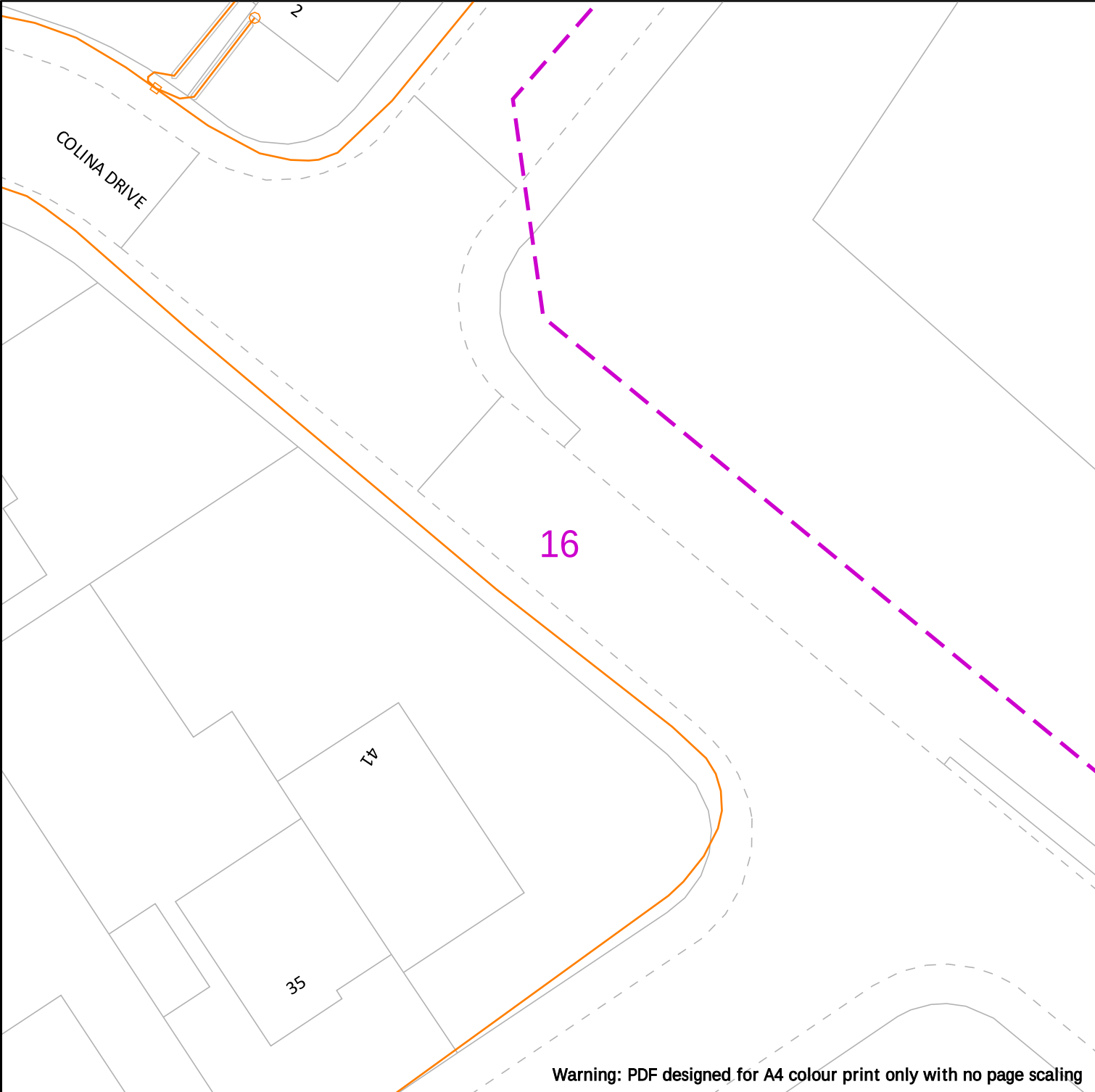
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Job Reference: 31658496
Site Location: 383607 400435
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Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
132kV	Black			Line: 
33kV	Green			Area: 
22kV-25kV	Yellow			
11kV	Red			
6kV-6.6kV	Blue			
1kV-6kV	Violet			
LV	Orange			
Unknown Voltage	Brown			

IMPORTANT INFO
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Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".
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Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

Scale: 1:250 (When plotted at A4)

Operating Voltage

132kV

33kV

22kV-25kV

11kV

6kV-6.6kV

1kV-6kV

LV

Unknown Voltage

Colour Code

Black

Green

Yellow

Red

Blue

Violet

Orange

Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

IMPORTANT INFO

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18

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Email: planrequest@enwl.co.uk

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Operating Voltage

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Unknown Voltage

Colour Code

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Violet

Orange

Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

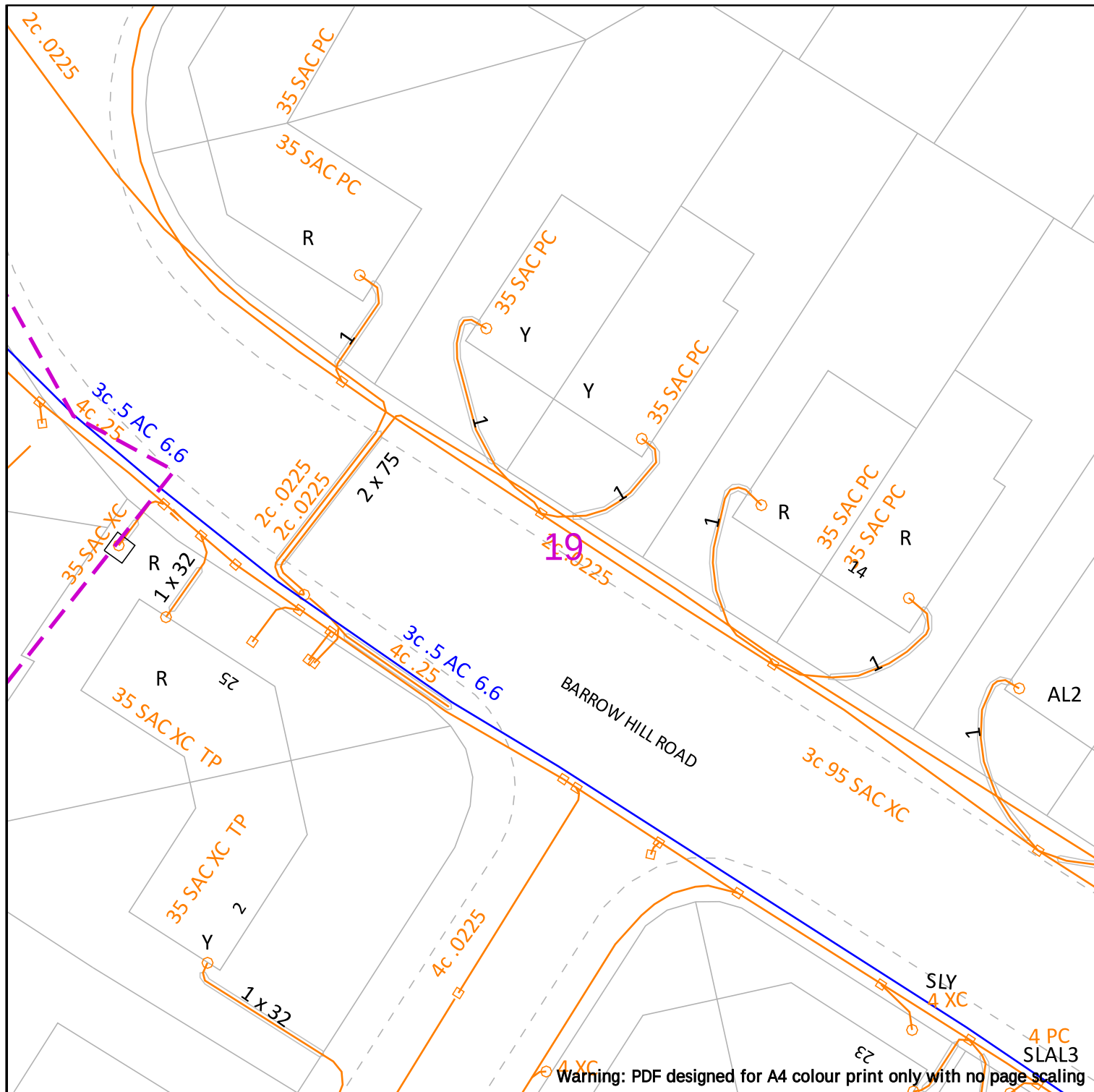
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33kV
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1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: ---

Area: []

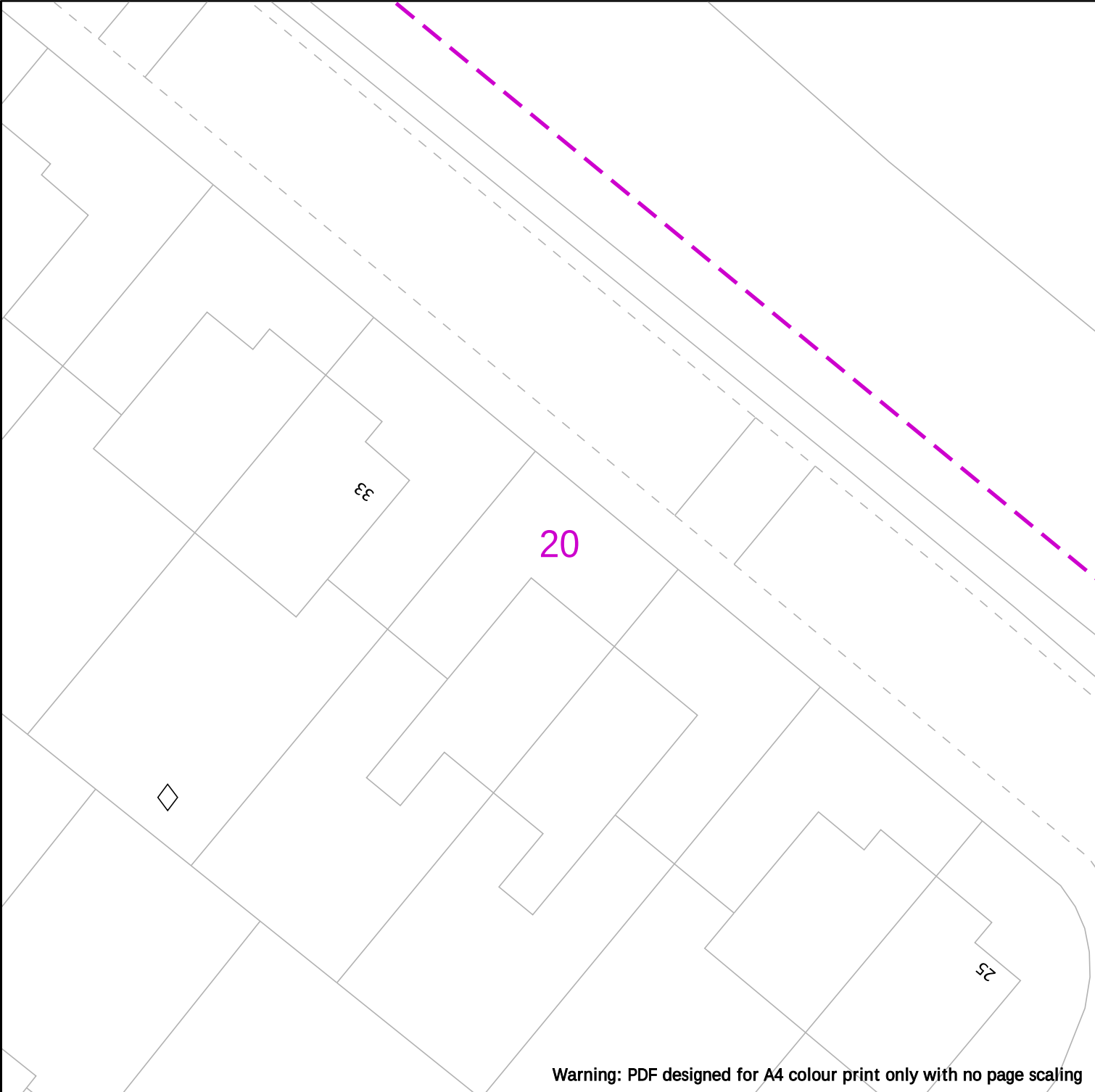
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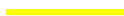
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Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6309

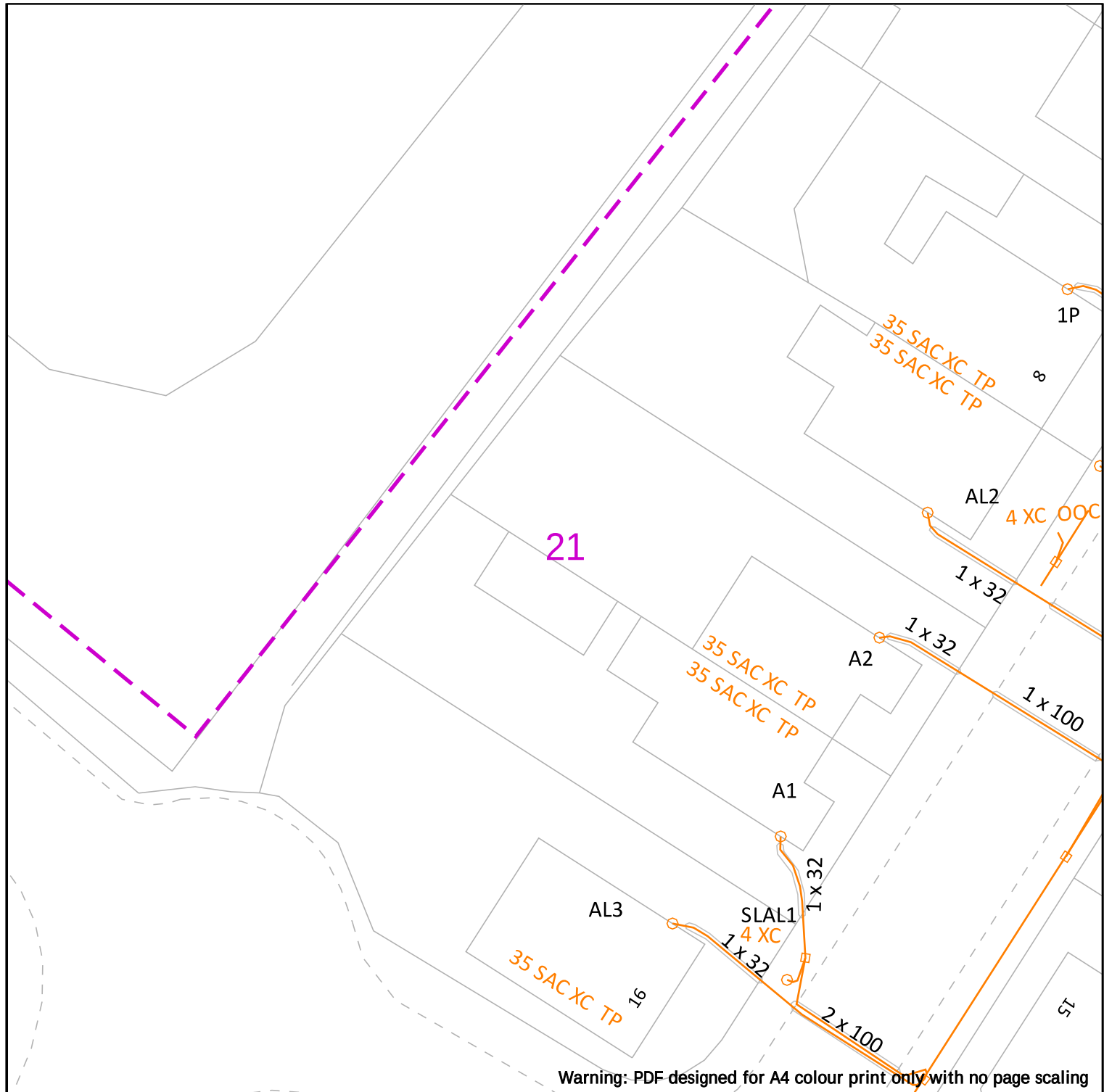
Scale: 1:250 (When plotted at A4)



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 Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
	LV	Orange			
	Unknown Voltage	Brown			
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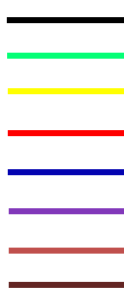
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132kV
33kV
22kV-25kV
11kV
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Date Requested: 24/11/2023
Job Reference: 31658496
Site Location: 383607 400435
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Scale: 1:250 (When plotted at A4)

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Enquirer

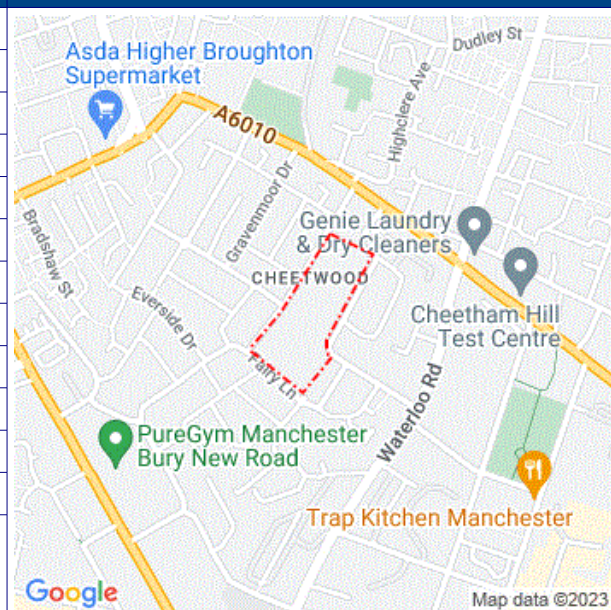
Name	Miss Lauren Wenham	Phone	01604 781877
Company	Soiltechnics Ltd	Mobile	Not Supplied
Address	Cedar Barn Cedar Barn White Lodge Walgrave Northamptonshire NN6 9PY		
Email	admin@soiltechnics.net		

Enquiry Details

Enquiry type	Planned Works
Work category	Development Projects
Work type	Commercial/industrial
Work type buffer*	75 metres
Start date	25/11/2023
End date	25/11/2023
Scheme/Reference	STV6309
Search location	M7 4ye
Confirmed location	383607 400435
Site size	0 metres square
Site Contact Name	Admin Soiltechnics
Site Phone No.	01604781877
Description of Works	NA

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map



Please note that the above map only displays the location of the proposed work site and will not display any of the Members' pipes and cables. It is imperative that this area accurately reflects the proposed work site.

Affected LSBUD members

(LSBUD Members who have assets registered on LSBUD within the vicinity of your search area.)

Asset Owner	Phone/Email	Emergency Only	Status
Cadent Gas	0800688588	0800111999	Await response
Electricity North West Limited	08001954141	08001954141	Await response

Status explanation

Await Response means that the asset owner will contact you. This is typically by sending the plan response but they may ask for further information before being able to do so, particularly if any payments or authorisations are required.

Email Additional Info means that the asset owner needs further information about your works to assess your enquiry before providing a response. Please provide any details you have available including plans, method statements etc. if available.

Important notices

It is very important that you correctly understand what the service does and the procedures in order for you to work safely. Please refer to the LSBUD Support Page (www.lsbud.co.uk/lineasearchbeforeudig-support) for further guidance.

This information includes how to provide additional information to the LSBUD Members who request it to provide a response to your enquiry.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date and time of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig (LSBUD) accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lsbud.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

List of not affected LSBUD members (LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area.)

Angus Energy	AWE Pipeline	B & D Energy Limited
Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)	Box Broadband
BP Exploration Operating Company Limited	BPA	Cambridgeshire County Council Climate Change and Energy Services
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
CNG Services Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd
D.S.Smith	Diamond Transmission Corporation	DIO (MOD Abandoned Pipelines)
DIO (MOD Live Pipelines)	E.ON UK CHP Limited	EDF Energy Renewables Ltd
EirGrid	Eleclink Limited	Energy Assets Networks
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESB CCGT Power station (Carrington Gas Pipeline)	ESP Utilities Group	ESSAR
Esso Petroleum Company Limited	euNetworks Fiber UK Ltd	EXA Infrastructure
Exolum Pipeline System	Fulcrum Electricity Assets Limited	Fulcrum Pipelines Limited
Gamma	Gas Networks Ireland (UK)	Gateshead Energy Company
Gigaclear Ltd	Harbour Energy	Heathrow Airport LTD
Humbly Grove Energy	IGas Energy	INEOS FPS Pipelines
INEOS Manufacturing (Scotland and TSEP)	INOBYN ChlorVinyls Limited	INOBYN Enterprises Limited
Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd	Kensa Utilities
Last Mile	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
Moray East Offshore Windfarm	MUA Group Limited	National Gas Transmission
National Grid Electricity Distribution	National Grid Electricity Transmission	National Grid Ventures
Neos Networks	Northern Gas Networks Limited	Northumbrian Water Group
NPower CHP Pipelines	NTT Global Data Centers EMEA UK Ltd	NYnet Ltd
Ogi	Oikos Storage Limited	Ørsted
Palm Paper Ltd	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	SAS Utility Services Ltd	Scottish and Southern Electricity Networks
Scottish Power Generation	Seabank Power Ltd	SES Water
SGN	Shell	Shell NOP
SP Energy Networks	Spring Fibre Limited	Squire Energy Networks
SSE Generation Ltd	SSE Transmission	SSE Utility Solutions Limited

Storengy	Tata Communications (c/o JSM Construction Ltd)	TfL – London Underground HV Cables (Road Side Cables)
Total Colnbrook Pipelines	Total Finaline Pipelines	Transmission Capital
Trojan Energy Limited	UK Power Networks	Uniper UK Ltd
University of Cambridge Granta Backbone Network	Vattenfall	Veolia ES SELCHP Limited
Veolia ES Sheffield Ltd	Voneus Limited	VPI Power Limited
Wales and West Utilities	West of Duddon Sands Transmission Ltd	Westminster City Council
Zayo Group UK Ltd c/o JSM Group Ltd		

Non-LSBUD members (Asset owners not registered on LSBUD)

(The following Non-LSBUD Members may have assets in your search area. It is YOUR RESPONSIBILITY to contact them before proceeding.

Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.)

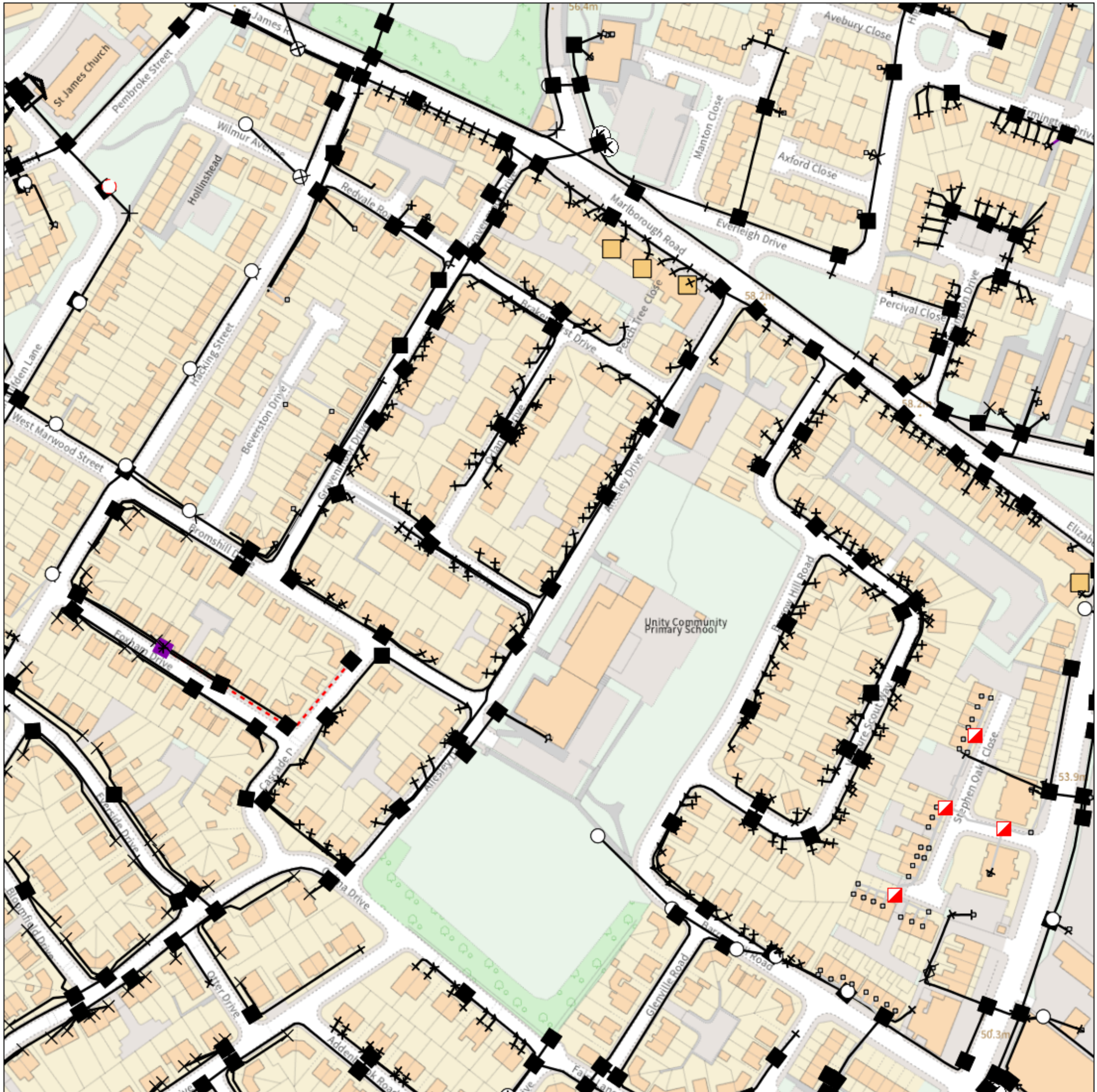
Asset Owner	Preferred contact method	Phone	Status
Arelion UK Ltd	check-network@arelion.com		Not Notified
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08000232023	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Equans	nrsua.uk@equans.com	0800 130 3600	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
Lumen Technologies	plantenquiries@ocugroup.com	02087314613	Not Notified
Manchester City Council	https://www.manchester.gov.uk		Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquiries@turntown.com	01212 621 100	Not Notified
Sky UK Limited	nrsua@sky.uk	02070323234	Not Notified
Sota	sota.plantenquiries@ocugroup.com		Not Notified
United Utilities	WastewaterDeveloperServices@uuplc.co.uk	08707510101	Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkinsglobal.com	01454662881	Not Notified

Disclaimer

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Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling		Built	
Pole			Duct Tee		Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : MWZ02519Y

Map Reference : (centre) SD8356600569

Easting/Northing : (centre) 383566,400569

Issued : 24/11/2023 14:52:17

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Appendix C Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

375553210_1_1

Customer Reference:

STX7023

National Grid Reference:

383620, 400570

Slice:

A

Site Area (Ha):

0.17

Search Buffer (m):

1000

Site Details:

Unity Community Primary School, 41

Allesley Drive

SALFORD

M7 4YE

Client Details:

Ms S Ltd

Soiltechnics Limited

Cedar Barn

White Lodge

Walgrave

Northampton

NN6 9PY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	24
Industrial Land Use	31
Sensitive Land Use	82
Data Currency	83
Data Suppliers	90
Useful Contacts	91

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	4
Prosecutions	pg 2				2
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 3				9
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 4		1	2	7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5				Yes
Pollution Incidents to Controlled Waters	pg 6				4
Historical Prosecutions					
Registered Radioactive Substances	pg 6				1
Substantiated Pollution Incident Register	pg 6				2
Water Abstractions	pg 7				5 (*28)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16		1	2	5
Water Framework Directive - Catchment	pg 16	Yes			Yes
Water Framework Directive - Groundwater	pg 17	Yes			
Water Framework Directive - Surface Waters					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18	1			3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 19			1	1
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 19	1	5	5	12
Potentially Infilled Land (Water)	pg 20	1	2	5	22
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 22		1	1	
Registered Waste Treatment or Disposal Sites	pg 23			1	1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 24	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 24	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 26		1	5	4
BGS Urban Soil Chemistry	pg 28				Yes
BGS Urban Soil Chemistry Averages	pg 29		Yes		
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 29	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 29				1
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 29	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 31		5	38	365
Fuel Station Entries	pg 66				9
Points of Interest - Commercial Services	pg 67		1	7	74
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 73			8	55
Points of Interest - Public Infrastructure	pg 79			2	19
Points of Interest - Recreational and Environmental	pg 80		1	4	9
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 82	1			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	0	1	383615 400572
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	387	1	383350 400250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	390	1	383300 400300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	405	1	383250 400350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	419	1	383450 400150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	422	1	383300 400250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	426	1	383200 400400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	430	1	383250 400300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	441	1	383400 400150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	448	1	383200 400350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	458	1	383300 400200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	460	1	383250 400250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SW)	493	1	383250 400200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	498	1	383500 400050
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Ashworth Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0359 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 24th November 2014 Discharge Type: Storm Water Overflow Discharge Environment: Unknown Receiving Water: Unknown Outlet Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	440	2	383220 400330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Waterloo Road, Sso, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0070 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Broughton Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A8SW (S)	716	2	383490 399830
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bury New Road Salford Cso Adjacent To 218 Bury New Road, ., Salford, Greater Manchester, M8 8dy Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 01SAL0024 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 20th March 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	900	2	383450 399650
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Sherbourne St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0358 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SE (S)	945	2	383630 399590
5	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bury New Road/Waterloo Road Cso 20-28 Waterloo Road, Manchester, ., Greater Manchester, M8 8gj Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982984 Permit Version: 1 Effective Date: 22nd June 1995 Issued Date: Not Supplied Revocation Date: 22nd October 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A3NW (S)	993	2	383490 399550
6	Prosecutions Location: Old Lancashire Dairy Mill, Knowsley Street Cheetham Hill, Manchester M8 8hf Prosecution Text: Not Supplied Prosecution Act: ENVIRONMENTAL PROTECTION ACT 1990, SECTION 33 (1) (A) Hearing Date: 21st March 2012 Verdict: Guilty Fine: Not Supplied Cost: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	700	2	383909 399899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Prosecutions Location: The Old Lancashire Dairy Mill, Knowsley Street Cheetham Hill, Manchester M8 Prosecution Text: Not Supplied Prosecution Act: ENVIRONMENTAL PROTECTION ACT 1990, SECTION 33 (1) (A) Hearing Date: 6th February 2013 Verdict: Guilty Fine: 3000 Cost: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	999	2	384132 399680
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, MANCHESTER, LANCASHIRE, M34 3AT Authority: Environment Agency, North West Region Permit Reference: BH7130 Dated: 11th July 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3at Authority: Environment Agency, North West Region Permit Reference: BE2336 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3AT Authority: Environment Agency, North West Region Permit Reference: BA2512 Dated: 15th December 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3at Authority: Environment Agency, North West Region Permit Reference: AY1315 Dated: 5th March 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3AT Authority: Environment Agency, North West Region Permit Reference: AX3975 Dated: 17th January 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3AT Authority: Environment Agency, North West Region Permit Reference: AW4526 Dated: 15th October 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3at Authority: Environment Agency, North West Region Permit Reference: AV4644 Dated: 7th May 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3at Authority: Environment Agency, North West Region Permit Reference: AU4649 Dated: 9th January 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
8	Integrated Pollution Controls Name: Oldham Crompton Batteries Ltd Location: Edward Street, Denton, Manchester, Greater Manchester, M34 3at Authority: Environment Agency, North West Region Permit Reference: AO0709 Dated: 14th July 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A7SE (S)	985	2	383259 399616
9	Local Authority Pollution Prevention and Controls Name: Trust Motors Manchester Location: 141 Waterloo Road, MANCHESTER, Lancashire, M8 8DU Authority: Manchester City Council, Environmental Health Department Permit Reference: 81/96 Dated: 1st February 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	136	3	383733 400467
10	Local Authority Pollution Prevention and Controls Name: Horners Ltd Location: Harthill Street, Cheetham, MANCHESTER, M8 8DY Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/82/96/97 Dated: 1st February 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	355	3	383765 400213
11	Local Authority Pollution Prevention and Controls Name: Horners Ltd Location: 208 Bury New Road, MANCHESTER, Lancashire, M8 8DY Authority: Manchester City Council, Environmental Health Department Permit Reference: 82/96 Dated: 1st February 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	3	383252 400222
12	Local Authority Pollution Prevention and Controls Name: Tate Ford Location: 271 Bury New Road, SALFORD, Lancashire, M7 2YN Authority: Salford City Council, Environmental Health Department Permit Reference: 29/23 Dated: 16th December 1994 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SE (W)	568	4	383040 400431

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Lancashire Motor Bodies (Manchester) Ltd Location: Hilton Street, SALFORD, Lancashire, M7 2YQ Authority: Salford City Council, Environmental Health Department Permit Reference: 7047/070308 Dated: 14th November 1994 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A12SE (W)	629	4	382987 400392
14	Local Authority Pollution Prevention and Controls Name: Sunshine Cleaners Location: 27 Leicester Road, Salford, M7 4as Authority: Salford City Council, Environmental Health Department Permit Reference: 122042/090812 Dated: 1st November 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	731	4	383252 401244
15	Local Authority Pollution Prevention and Controls Name: Rainbow Garages Ltd Location: Texaco Broughton Lane, 25 Broughton Lane, Salford, Lancashire, M8 9ue Authority: Salford City Council, Environmental Health Department Permit Reference: 23160/030215 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A8SW (SW)	757	4	383307 399843
16	Local Authority Pollution Prevention and Controls Name: Broughton Demolition Location: 12 Wellington Street, SALFORD, Lancashire, M3 6LL Authority: Salford City Council, Environmental Health Department Permit Reference: Not Given Dated: 14th November 1994 Process Type: Local Authority Air Pollution Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	810	4	382985 401120
17	Local Authority Pollution Prevention and Controls Name: Shirley Filling Station Location: 332 Cheetham Hill Road, Cheetham Hill, MANCHESTER, Lancashire, M8 7WB Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/040/06 Dated: 3rd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	838	3	384242 401171
18	Local Authority Pollution Prevention and Controls Name: Yp Services Location: 117 Broughton Lane, SALFORD, Lancashire, M7 1UH Authority: Salford City Council, Environmental Health Department Permit Reference: 156290/110612 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7NW (SW)	920	4	382914 399935
	Nearest Surface Water Feature	A8SW (S)	769	-	383587 399766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Whittle Brook; Black Dye Incident Date: 3rd April 1996 Incident Reference: 96620668 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	546	2	383501 400001
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell Incident Date: 22nd August 1995 Incident Reference: 95612150 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	764	2	384400 400500
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Diesel And None Found Incident Date: 20th June 1996 Incident Reference: 96631339 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	863	2	384500 400500
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Hacking Street, HIGHER BROUGHTON Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Fire water / Foam Note: 2 Jets In Use On Fire; Run-Off Incident Date: 7th October 1998 Incident Reference: SO981849 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NE (W)	999	2	382600 400700
23	Registered Radioactive Substances Name: British Engine Insurance Ltd Location: 8 Norton Street, Greengate, SALFORD, M5 Authority: Scottish Environment Protection Agency, Head Office Permit Reference: IPB/3/3/039 Dated: 17th December 1991 Process Type: Registration under S10 RSA for the keeping and use of mobile Radioactive sources (was RSA60 S3) Description: Registration under S7 or S10 RSA for the keeping and use of radioactive material or apparatus for 1 or more tracer test sources dated pre April 1991 Status: Not Given Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	546	5	383378 401101
24	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 2nd December 2010 Incident Reference: 841985 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material Pollutant: Specific Waste Materials: Commercial Waste Pollutant: Contaminated Material : Soils & Sub-soils Pollutant: Specific Waste Materials: Household Waste	A8SE (SE)	813	2	383953 399795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 16th January 2019 Incident Reference: 1674394 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke Pollutant: General Biodegradable : Other Pollutant: Inert : Construction / Demolition Material Pollutant: Specific Waste Materials: Commercial Waste Pollutant: Specific Waste Materials: Household Waste Pollutant: Specific Waste Materials: Metal Wastes Pollutant: Specific Waste Materials: Other Composites	A7SE (SW)	848	2	383104 399856
26	Water Abstractions Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159110 Details: Premises At Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	788	2	383900 399800
26	Water Abstractions Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	788	2	383900 399800
27	Water Abstractions Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 182 Yearly Rate (m3): 45460 Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	965	2	384100 399700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Water Abstractions Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	965	2	384100 399700
27	Water Abstractions Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 101 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th June 2023 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	971	2	384085 399685
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 1 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Strangeways, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 1 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1306	2	383850 399250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 3 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Strangeways Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1332	2	383830 399220
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 2 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 2 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole Number 2 At Premises Strangeways Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 682 Yearly Rate (m3): 194755 Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190
	Water Abstractions Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1360	2	383820 399190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Packaging Products (Coatings) Ltd Licence Number: 2569005015 Permit Version: 102 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NE (E)	1442	2	385000 400100
	Water Abstractions Operator: Packaging Products Ltd Licence Number: 2569005015 Permit Version: 101 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NE (E)	1442	2	385000 400100
	Water Abstractions Operator: Packaging Products Ltd Licence Number: 2569005015 Permit Version: 100 Location: B/Hole, Little Green Works, Collyhurst Rd, Manchester 10 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1637 Yearly Rate (m3): 438689 Details: Premises At Little Green Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NE (E)	1443	2	385001 400101
	Water Abstractions Operator: City Of Manchester Licence Number: 2569005031 Permit Version: Not Supplied Location: Borehole, Collyhurst, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 364 Yearly Rate (m3): 124742 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1575	2	385200 400800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: City Of Manchester Licence Number: 2569005038 Permit Version: Not Supplied Location: River Irk, Collyhurst, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 93557 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1660	2	385300 400600
	Water Abstractions Operator: Vita Industrial Polymers Limited Licence Number: 2569004046 Permit Version: 101 Location: Borehole At Seaford Road, Salford Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Seaford Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1767	2	382000 399800
	Water Abstractions Operator: Vita Salford Licence Number: 2569004046 Permit Version: 100 Location: Borehole At Seaford Road, Salford Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 196 Yearly Rate (m3): 31822 Details: Land & Premises At Seaford Road Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1767	2	382000 399800
	Water Abstractions Operator: Threlfalls (Salford) Ltd. Licence Number: 2569006009 Permit Version: Not Supplied Location: Four Boreholes, Cook Street, SALFORD Authority: Environment Agency, North West Region Abstraction: Cooling & Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 977 Yearly Rate (m3): 227300 Details: Additional Purpose: Cooling; Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1784	2	383200 398800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Telecommunications Plc Licence Number: 2569007070 Permit Version: 101 Location: Borehole At Dial House Chapel Street Salford Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Dial House, Salford Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1837	2	383700 398700
	Water Abstractions Operator: British Telecom Licence Number: 2569007070 Permit Version: 100 Location: Borehole At Dial House, Chapel St, Salford Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 30 Yearly Rate (m3): 45 Details: Premises At Dial House, Salford Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th January 1971 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1837	2	383700 398700
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge: Low	A13NW (W)	0	2	383615 400572
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (W)	0	6	383615 400572
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (W)	0	6	383615 400572
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1271.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	227	7	383420 400727
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	405	7	383631 400130
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	447	7	383601 400088
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 940.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	508	7	383212 400219
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 509.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A7NE (SW)	508	7	383212 400219
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	716	7	383648 401324
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	769	7	383587 399766
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 334.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	776	7	383459 399775
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irwell (Croal to Irk) WaterBody ID: GB112069061451 Operational Catchment: Croal Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A13NW (W)	0	2	383615 400572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irk (Wince to Irwell) WaterBody ID: GB112069061131 Operational: Roch Irk Medlock Catchment: Management Irwell Catchment: Irwell Catchment Name: Irwell	A14SW (E)	673	2	384260 400320
	Water Framework Directive - Groundwater Waterbody Name: Manchester and East Cheshire Permo-Triassic Sandstone Aquifers Waterbody ID: GB41201G101100 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB41201G101100 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	A13NW (W)	0	2	383615 400572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Historical Landfill Sites Licence Holder: Not Supplied Location: Cheetham Hill, Manchester, Greater Manchester Name: Land at Fairy Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16446 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F015	A13NW (W)	0	2	383615 400572
37	Historical Landfill Sites Licence Holder: Not Supplied Location: Cheetham, Greater Manchester Name: Elizabeth Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16459 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F030	A14SW (SE)	576	2	384130 400275
38	Historical Landfill Sites Licence Holder: Manchester City Council Location: Cheetham, Manchester, Greater Manchester Name: Queens Road Tip - Land to South of Queens Road and North of Collingham Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16452 First Input Date: 31st December 1955 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9728 BGS Ref: 848 Other Ref: F005,RD/LIC/241/82	A14SE (E)	821	2	384426 400345
39	Historical Landfill Sites Licence Holder: Not Supplied Location: Salford, Greater Manchester Name: Overbridge Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD17901 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: E090	A8SW (S)	905	2	383360 399667

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	Licensed Waste Management Facilities (Locations) Licence Number: 53472 Location: 49 Broughton Street, Manchester, Greater Manchester, M8 8AN Operator Name: KAINS STEEL DRUMS Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Material Recycling Treatment Facilities Licence Status: Surrendered Issued: 17th November 1998 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (S)	465	2	383690 400076
41	Licensed Waste Management Facilities (Locations) Licence Number: 53620 Location: Unit 26, Caroline Street, Salford, Salford, Greater Manchester, M7 1SS Operator Name: Ernest Gregson Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Material Recycling Treatment Facilities Licence Status: Expired Issued: 15th March 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	886	2	383201 399751
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	8	383615 400572
	Local Authority Landfill Coverage Name: Salford Metropolitan District Council - Has no landfill data to supply		94	4	383687 400674
42	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13NE (SE)	0	10	383616 400572
43	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SW (SW)	84	10	383537 400492
44	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SE (S)	139	10	383628 400397
45	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SE (SE)	157	10	383697 400401
46	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SE (S)	196	10	383694 400355
47	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SE (SE)	215	10	383827 400475
48	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8NE (SE)	373	10	383804 400213
49	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8NE (S)	376	10	383747 400183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12NE (W)	393	10	383228 400721
51	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A14SW (SE)	453	10	384049 400387
52	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8NE (S)	489	10	383698 400052
53	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A18SW (N)	505	10	383415 401073
54	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8NE (S)	522	10	383715 400022
55	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A8NW (S)	571	10	383573 399965
56	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A8NE (SE)	582	10	383870 400011
57	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A9NW (SE)	686	10	383968 399947
58	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A8SE (S)	723	10	383874 399860
59	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A14SE (E)	826	10	384445 400394
60	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A8SE (S)	830	10	383822 399731
61	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A19SW (NE)	837	10	384256 401155
62	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A12NW (W)	902	10	382729 400837
63	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A19SE (NE)	945	10	384459 401055
64	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A9SW (S)	952	10	383956 399646
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	0	10	383603 400578
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13NW (W)	106	10	383487 400591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13NW (W)	183	10	383411 400605
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	260	10	383823 400772
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	359	10	383766 400933
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (NE)	383	10	383808 400938
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	444	10	383966 400890
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	465	10	384008 400869
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	505	10	383250 400960
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	531	10	384170 400544
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	700	10	383459 401291
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	724	10	383984 399912
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	741	10	383498 401341
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (SE)	783	10	383939 399822
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	801	10	383138 399890
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	827	10	383881 399751
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	858	10	383179 399795
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	867	10	383125 399818
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	869	10	383096 399836
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	875	10	383883 399702
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	892	10	383364 399678
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SE (E)	915	10	384549 400474
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	923	10	384102 399751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	924	10	384557 400696
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SW (W)	930	10	382686 400355
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	940	10	383790 401532
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A9NE (SE)	953	10	384460 400094
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	962	10	383072 399740
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	988	10	383350 399583
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A12SW (W)	990	10	382626 400350
95	Registered Waste Transfer Sites Licence Holder: Primechase Licence Reference: 00455/86/M2 Site Location: Elizabeth Street / Waterloo Road, Cheetham, Manchester, Greater Manchester Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Construction Ind. S Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Old Cars/Trailers Etc	A13SE (E)	191	2	383830 400560
96	Registered Waste Transfer Sites Licence Holder: Autodec Paints (Lancs) Ltd Licence Reference: 00597/90 Site Location: Unit 1 Appian Way Industrial Estate, Bury New Road, MANCHESTER, Greater Manchester, M7 0XB Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site exempt from licenceExempt Dated: 1st August 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Hydrocarbons (Not Fuels/Oils/Greases) Paint Waste \$	A12SE (SW)	480	2	383170 400340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Registered Waste Treatment or Disposal Sites Licence Holder: T Kain t/a Kains Steel Drums Licence Reference: 80011 Site Location: 49 Broughton Street, MANCHESTER, Greater Manchester, M8 8AN Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Recycling Drums Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 17th November 1998 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Empty Used Ibc's With < 2 Litre Liq Or 10 Litre Solid Residues Which May Include Empty Used Packagescontainers With < 1%Vol Residues Which May Include Maximum Waste In Working Plan Maximum Waste Permitted By Licence Packagescontainers/Ibc's With < 10%Vol Non-Haz. Residues Which May Include Special Waste (As In Epa 1990:S62 Of 1996 Regs) Starch Based Polymers Surfactants Water Based Adhesive Wastes Prohibited Waste: Drums With Residues Of Subs In Prescribed Subs/Processes Regs 1989) Drums/Cont'Rs With Residues Of List I Subs In Eec Directive 80/68/Eec Material With Haz.Code H 1 - Explosive Material With Haz.Code H 2 - Oxidising Material With Haz.Code H 3a - Highly Flammable Material With Haz.Code H 6 - Toxic Material With Haz.Code H 7 - Carcinogenic Material With Haz.Code H 9 - Infectious Material With Haz.Code H10 - Teratogenic Material With Haz.Code H11 - Mutagenic Material With Haz.Code H12 - Can Release Toxic Gases Material With Haz.Code H14 - Ecotoxic Other Waste/Waste Not Otherwise Specified	A8NE (S)	474	2	383710 400070
98	Registered Waste Treatment or Disposal Sites Licence Holder: E Gregson Licence Reference: 00644 Site Location: Unit 26 Caroline Street Industrial Est, Neil Street, Salford, Greater Manchester, M7 1ss Operator Location: 47 Stapleton Street, SALFORD, Greater Manchester, M6 7NR Authority: Environment Agency - North West Region, South Area Site Category: Recycling Drums Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st March 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Empty Drums/Containers Max.Waste Permitted By Licence Prohibited Waste: Special Wastes N.O.S. Waste N.O.S.	A7SE (S)	939	2	383250 399670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NW (W)	0	1	383615 400572
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (W)	0	1	383615 400572
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	243	1	383730 400821
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NW (E)	360	1	384000 400572
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (NE)	391	1	384000 400736
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SW (N)	392	1	383615 401000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	404	1	383711 401000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	416	1	383280 400283
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	500	1	383449 401081
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	559	1	383365 400035
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	612	1	384250 400632
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	659	1	383000 400277
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	668	1	384303 400500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NE (SW)	812	1	383000 400000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (S)	898	1	383586 399637
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	947	1	384490 401000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NE (E)	957	1	384556 400859
99	BGS Recorded Mineral Sites Site Name: Water Lane Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15074 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	44	1	383660 400525
100	BGS Recorded Mineral Sites Site Name: Fairy Lane Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15073 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	277	1	383405 400350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	BGS Recorded Mineral Sites Site Name: Fairy Lane Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15075 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	409	1	383490 400145
102	BGS Recorded Mineral Sites Site Name: Broughton Street Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15077 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	436	1	383830 400155
103	BGS Recorded Mineral Sites Site Name: Broughton Brick Field Location: Higher Broughton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 95105 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NE (W)	454	1	383149 400676
104	BGS Recorded Mineral Sites Site Name: Cow Lane Gravel Pit Location: Higher Broughton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 243074 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (N)	492	1	383428 401064
105	BGS Recorded Mineral Sites Site Name: Broughton Street Brickworks Location: Broughton Street, Strangeways, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15070 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	657	1	384125 400120
106	BGS Recorded Mineral Sites Site Name: Sherborne Street Brickworks Location: Cheetham, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15076 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	804	1	383700 399735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	BGS Recorded Mineral Sites Site Name: Alms Hill Sand Pit Location: Cheetham Hill, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 95117 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	870	1	384202 401254
108	BGS Recorded Mineral Sites Site Name: Willow Bank Brick Field Location: Higher Broughton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 95104 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NW (W)	975	1	382643 400799
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 383390, 399850 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 17.00 mg/kg Concentration: Cadmium Measured 1.10 mg/kg Concentration: Chromium Measured 62.00 mg/kg Concentration: Lead Measured 270.90 mg/kg Concentration: Nickel Measured 22.50 mg/kg Concentration:	A8SW (S)	721	1	383390 399850
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 384240, 399840 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 18.10 mg/kg Concentration: Cadmium Measured 1.40 mg/kg Concentration: Chromium Measured 104.60 mg/kg Concentration: Lead Measured 288.80 mg/kg Concentration: Nickel Measured 44.90 mg/kg Concentration:	A9SW (SE)	935	1	384240 399840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Manchester Count Id: 300 Arsenic Minimum Concentration: 3.00 mg/kg Arsenic Average Concentration: 28.00 mg/kg Arsenic Maximum Concentration: 1008.00 mg/kg Cadmium Minimum Concentration: 0.30 mg/kg Cadmium Average Concentration: 1.40 mg/kg Cadmium Maximum Concentration: 80.30 mg/kg Chromium Minimum Concentration: 29.00 mg/kg Chromium Average Concentration: 92.00 mg/kg Chromium Maximum Concentration: 1252.00 mg/kg Lead Minimum Concentration: 20.00 mg/kg Lead Average Concentration: 270.00 mg/kg Lead Maximum Concentration: 2687.00 mg/kg Nickel Minimum Concentration: 5.00 mg/kg Nickel Average Concentration: 32.00 mg/kg Nickel Maximum Concentration: 137.00 mg/kg	A13SW (S)	135	1	383615 400400
	Coal Mining Affected 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.	A13NW (W)	0	9	383615 400572
	Natural Cavities Easting: 382915 Northing: 400664 Distance: 683 Quadrant Reference: A12 Quadrant Reference: NW Bearing Ref: W Cavity Type: Piping in non-cohesive deposits Solid Geology Detail: Sherwood Sandstone Group Superficial Geology: No Details Detail:	A12NW (W)	683	10	382915 400664
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	383596 400570
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	198	1	383394 400596
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	383615 400572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Contemporary Trade Directory Entries Name: Syd Abrams Location: 141, Waterloo Road, Manchester, M8 8BT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	145	10	383743 400467
110	Contemporary Trade Directory Entries Name: The Capital Textile Location: Unit 4,200 Waterloo Road, Manchester, Greater Manchester, M8 8AE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	204	10	383828 400502
111	Contemporary Trade Directory Entries Name: The Textile Centre London Location: 200, Waterloo Road, Manchester, M8 8AE Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	245	10	383814 400391
111	Contemporary Trade Directory Entries Name: Cheetham Auto Parts Location: 170, Waterloo Road, Manchester, M8 8AE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	249	10	383797 400365
112	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: 20, Silbury Walk, Manchester, M8 8DJ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	246	10	383701 400304
113	Contemporary Trade Directory Entries Name: D M Tyres Location: 124, Waterloo Road, Manchester, M8 8AF Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	292	10	383748 400274
113	Contemporary Trade Directory Entries Name: Zurich Warranty Location: Brightside House, 122, Waterloo Road, Manchester, M8 8AS Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	316	10	383723 400238
114	Contemporary Trade Directory Entries Name: Hexagon International Transport Ltd Location: Cheetwood Road, MANCHESTER, M8 8AQ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	345	10	383877 400310
114	Contemporary Trade Directory Entries Name: Kipfold Ltd Location: CHEETWOOD HOUSE, CHEETWOOD ROAD, MANCHESTER, M8 8AQ Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	359	10	383861 400273
114	Contemporary Trade Directory Entries Name: Babywearwholesale.Com Location: Cheetwood Road, Manchester, M8 8AQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	372	10	383882 400276
115	Contemporary Trade Directory Entries Name: D T M Motors Location: Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	349	10	383976 400486
115	Contemporary Trade Directory Entries Name: D T M Location: 1a, Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	349	10	383976 400486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Contemporary Trade Directory Entries Name: D T M Location: 1a, Herbert Street, Manchester, M8 0DG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	349	10	383976 400486
116	Contemporary Trade Directory Entries Name: Manchester Plumbers Location: 5, Belton Walk, MANCHESTER, M8 0EB Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	377	10	384013 400529
117	Contemporary Trade Directory Entries Name: D K Wholesale Ltd Location: 118-120 Harthill Street, Manchester, Greater Manchester, M8 8AG Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	379	10	383732 400174
118	Contemporary Trade Directory Entries Name: Empress Quilts & Textiles Ltd Location: Park House, 6, Cheetwood Road, Manchester, M8 8AQ Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	382	10	383822 400214
118	Contemporary Trade Directory Entries Name: Childrenswearwholesalers.Com Location: Cheetwood Rd, Manchester, Lancashire, M8 8AQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (SE)	382	10	383822 400214
118	Contemporary Trade Directory Entries Name: Home Print Location: Park House, 21, Cheetwood Road, Manchester, M8 8AQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	382	10	383822 400214
119	Contemporary Trade Directory Entries Name: Buckle Shoes Ltd Location: 102-104, Waterloo Road, Manchester, M8 8AF Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	392	10	383664 400146
119	Contemporary Trade Directory Entries Name: Kwik-Fit Location: 102-104, Waterloo Road, Manchester, M8 8AF Classification: Exhaust & Shock Absorber Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	392	10	383664 400146
120	Contemporary Trade Directory Entries Name: Tata Shoes Location: Unit 2, 130, Broughton Street, Manchester, M8 8AN Classification: Footwear - Manufacturers and Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	439	10	383702 400104
120	Contemporary Trade Directory Entries Name: Vales Coaches (Manchester) Ltd Location: 49, Broughton Street, Manchester, M8 8AN Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	473	10	383687 400067
121	Contemporary Trade Directory Entries Name: Etyres - Waterloo Tyre Services Ltd Location: 100A, WATERLOO ROAD, CHEETHAM, MANCHESTER, M8 8AW Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	440	10	383630 400095
121	Contemporary Trade Directory Entries Name: Fields Press Ltd Location: 96-98, Waterloo Road, Manchester, M8 8AW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	457	10	383616 400078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	Contemporary Trade Directory Entries Name: 24 Hour Recovery Location: Hillhead Walk, Manchester, Lancashire, M8 0EG Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	459	10	384090 400490
123	Contemporary Trade Directory Entries Name: Lookers Skoda Location: 266 Bury New Road, Salford, Greater Manchester, M7 2YJ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
123	Contemporary Trade Directory Entries Name: Lookers (Manchester) Location: 266, Bury New Road, Salford, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
123	Contemporary Trade Directory Entries Name: Lookers Seat & Skoda Location: 266, Bury New Road, Salford, M7 2YJ Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
123	Contemporary Trade Directory Entries Name: Lookers Seat & Skoda Location: 266, Bury New Road, Salford, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
123	Contemporary Trade Directory Entries Name: Lookers Seat Location: 266, BURY NEW ROAD, SALFORD, M7 2YJ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
123	Contemporary Trade Directory Entries Name: Caledonia Motor Group Location: 266, Bury New Road, Salford, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	474	10	383136 400436
124	Contemporary Trade Directory Entries Name: Horners Location: 208, Bury New Road, Manchester, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Horners Ltd Location: 208, Bury New Road, Manchester, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Horners Ltd Location: 208, Bury New Road, Manchester, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Manchester Mitsubishi Location: 208, Bury New Road, Manchester, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Horners (Manchester) Location: 208, Bury New Road, Manchester, Lancashire, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	Contemporary Trade Directory Entries Name: Horners (Manchester) Location: 208, Bury New Road, Manchester, Lancashire, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Horners Location: 208, Bury New Road, Manchester, Lancashire, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Horners Skoda Location: 208, Bury New Road, Manchester, Lancashire, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	476	10	383252 400222
124	Contemporary Trade Directory Entries Name: Youles Motorcycles Location: 186, BURY NEW ROAD, MANCHESTER, M8 8DY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	501	10	383259 400179
125	Contemporary Trade Directory Entries Name: A D P Coatings Ltd Location: 1, Appian Way, Salford, M7 4WZ Classification: Spraying - Paint & Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	478	10	383174 400335
125	Contemporary Trade Directory Entries Name: M B Handbags Location: 1-2, Appian Way, Salford, Lancashire, M7 4WZ Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	478	10	383174 400335
126	Contemporary Trade Directory Entries Name: Manchester Suzuki Location: 218 Bury New Rd, Manchester, Lancashire, M8 8DY Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	483	10	383208 400268
127	Contemporary Trade Directory Entries Name: Ace Miracle Clean Location: 128, Fairy Lane, Manchester, M8 8YD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	486	10	383321 400146
127	Contemporary Trade Directory Entries Name: Halfords Autocentre Manchester (Bury New Rd) Location: 184, Bury New Road, Manchester, M8 8DY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	530	10	383283 400120
127	Contemporary Trade Directory Entries Name: Halfords Autocentre Location: 184, BURY NEW ROAD, MANCHESTER, M8 8DY Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	530	10	383283 400120
128	Contemporary Trade Directory Entries Name: Red Cheetham Laundry & Dry Cleaners Location: 468, Great Cheetham Street East, Salford, M7 4TW Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	504	10	383441 401083
129	Contemporary Trade Directory Entries Name: Express Fit Location: 270 Bury New Rd, Salford, Lancashire, M7 2YJ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (W)	505	10	383094 400477

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Contemporary Trade Directory Entries Name: Cross Location: Sherborne St, Manchester, Lancashire, M8 8LR Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	512	10	383955 400152
131	Contemporary Trade Directory Entries Name: Childrenswear Wholesalers Location: 8 Cheetwood Road, Cheetham Hill, Manchester, Greater Manchester, M8 8AQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	521	10	383780 400040
131	Contemporary Trade Directory Entries Name: La Vision International Ltd Location: Cheetwood Road, Manchester, M8 8AQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	522	10	383780 400040
131	Contemporary Trade Directory Entries Name: 2 C D Designs Location: 21 Cheetwood Rd, Manchester, M8 8AQ Classification: Lingerie Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	546	10	383812 400026
131	Contemporary Trade Directory Entries Name: Cameo Shop Fitting Ltd Location: 47, Broughton Street, Manchester, M8 8AN Classification: Shop Fittings Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	552	10	383825 400024
131	Contemporary Trade Directory Entries Name: Indigo Apparel Ltd Location: 43, Broughton Street, Manchester, M8 8AN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	568	10	383851 400018
131	Contemporary Trade Directory Entries Name: Sublime Wear Ltd Location: 43-45, Broughton Street, Manchester, M8 8AN Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	573	10	383848 400011
131	Contemporary Trade Directory Entries Name: Sabah International Leatherwear Ltd Location: Unit 5, 53, Sherborne Street, Manchester, M8 8LE Classification: Clothing Accessory Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	591	10	383862 399998
131	Contemporary Trade Directory Entries Name: Wicked Nights Ltd Location: Derby St, Manchester, Lancashire, M8 8HF Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	595	10	383836 399982
131	Contemporary Trade Directory Entries Name: S R Mailing Location: Unit 32, Commerce House, 54, Derby Street, Manchester, M8 8HF Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	596	10	383835 399981
131	Contemporary Trade Directory Entries Name: Hain Celestial Location: Unit 10, Commerce House, 54, Derby Street, Manchester, Lancashire, M8 8HF Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	596	10	383836 399982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Contemporary Trade Directory Entries Name: Samson Hosiery Ltd Location: Commerce House, 54, Derby Street, Manchester, M8 8HF Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	596	10	383836 399982
131	Contemporary Trade Directory Entries Name: 2nd Chance Location: Unit 20B, Commerce House, 54 Derby St, Manchester, Lancashire, M8 8HF Classification: Classic Car Specialists Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	596	10	383835 399981
132	Contemporary Trade Directory Entries Name: Lexus Location: 286, Bury New Road, Salford, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	523	10	383070 400525
132	Contemporary Trade Directory Entries Name: Lexus Manchester Location: 286, Bury New Road, Salford, M7 2YJ Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	523	10	383070 400525
132	Contemporary Trade Directory Entries Name: Lexus Location: 286, Bury New Road, Salford, Lancashire, M7 2YJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	523	10	383070 400525
133	Contemporary Trade Directory Entries Name: Bury New Road Car Centre Location: 269, Bury New Road, Salford, M7 2YN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	524	10	383097 400397
133	Contemporary Trade Directory Entries Name: Benz Automotive Location: Unit 3, Grove Street, Salford, Greater Manchester, M7 2YZ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	569	10	383059 400367
133	Contemporary Trade Directory Entries Name: Grove Street Test Centre Location: Grove Street, Salford, M7 2YZ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	570	10	383059 400366
134	Contemporary Trade Directory Entries Name: Victoria Garage Location: 3, Norton Street, Salford, M7 4AJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	524	10	383380 401078
135	Contemporary Trade Directory Entries Name: Machine Mart Manchester - Central Location: 209, BURY NEW ROAD, SALFORD, M8 8DU Classification: Builders' Tools & Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	531	10	383183 400220
135	Contemporary Trade Directory Entries Name: Manchester M O T & Service Centre Location: 199, Bury New Road, Manchester, M8 8DU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	540	10	383198 400187
135	Contemporary Trade Directory Entries Name: Enza Motors Ltd Location: 199, Bury New Road, Manchester, M8 8DU Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	540	10	383198 400187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	Contemporary Trade Directory Entries Name: Rcc Manchester Location: 199, Bury New Road, Manchester, M8 8DU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	540	10	383198 400187
135	Contemporary Trade Directory Entries Name: Manchester Performance Cars Location: 193, Bury New Road, Manchester, M8 8DU Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	553	10	383219 400145
136	Contemporary Trade Directory Entries Name: Manchester Car Refurb Centre Location: 263, Bury New Road, Manchester, M8 8DY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	532	10	383121 400321
136	Contemporary Trade Directory Entries Name: Manchester Car Repair Location: 263, Bury New Road, Manchester, M8 8DY Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	532	10	383121 400321
136	Contemporary Trade Directory Entries Name: Kwik Fit Location: 265, Bury New Road, Manchester, M8 8DY Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	540	10	383102 400339
136	Contemporary Trade Directory Entries Name: Motor Body Services Ltd Location: 263, Bury New Road, Manchester, Lancashire, M8 8DY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	540	10	383113 400317
136	Contemporary Trade Directory Entries Name: Kwik-Fit Location: 265, Bury New Road, Manchester, M8 8DY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	540	10	383102 400339
136	Contemporary Trade Directory Entries Name: Grove Street Test Centre Location: 2 Grove Street, Salford, Greater Manchester, M7 2YZ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	554	10	383076 400365
137	Contemporary Trade Directory Entries Name: Recovery Breakdown Manchester Location: Unit 1, Trading Centre, Sherborne Street, Manchester, M8 8LR Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	534	10	384007 400172
137	Contemporary Trade Directory Entries Name: Finlays'S Foods Location: Unit 1, Trading Centre, Sherborne Street, Manchester, Lancashire, M8 8LR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	534	10	384007 400172
137	Contemporary Trade Directory Entries Name: A N Enterprise Location: Unit 2, Trading Centre, Sherborne Street, Manchester, M8 8LR Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	555	10	384038 400175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	Contemporary Trade Directory Entries Name: Denver Knitwear Location: 60 Trading Estate, Sherborne Street, Manchester, Greater Manchester, M8 8LR Classification: Knitwear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	545	10	384057 400216
139	Contemporary Trade Directory Entries Name: R R G Mazda Manchester Location: 288-292, Bury New Road, Salford, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	558	10	383033 400595
139	Contemporary Trade Directory Entries Name: R R G Manchester Ltd Location: 288-292, Bury New Road, SALFORD, M7 2YJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	558	10	383033 400595
139	Contemporary Trade Directory Entries Name: Naz Wallpapers Location: 310, Great Cheetham Street East, Salford, M7 4UJ Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	565	10	383029 400624
139	Contemporary Trade Directory Entries Name: Vm Domestic Location: 306, Great Cheetham Street East, Salford, M7 4UJ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	572	10	383021 400617
140	Contemporary Trade Directory Entries Name: J Barlow Servicing Ltd Location: 490-492, Great Cheetham Street East, Salford, M7 4TW Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	562	10	383455 401148
141	Contemporary Trade Directory Entries Name: Momokrom Location: Lawrence House, Derby Street, Manchester, M8 8AT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	563	10	383723 399983
141	Contemporary Trade Directory Entries Name: Core Shoes Ltd Location: Unit 1, 14, Cheetwood Road, Manchester, M8 8AQ Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	563	10	383723 399983
142	Contemporary Trade Directory Entries Name: Dixon Ford Location: 271, Bury New Road, Salford, M7 2YN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	568	10	383040 400431
143	Contemporary Trade Directory Entries Name: Barlinda Leathergoods (Handbags & Purses) Ltd Location: 3, Bradstone Road, Manchester, M8 8WA Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	568	10	383976 400096
144	Contemporary Trade Directory Entries Name: Hyde Time Ltd Location: 293-303, Bury New Road, Salford, M7 2YN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	572	10	383021 400514

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	Contemporary Trade Directory Entries Name: West Riding Hyundai Location: 293-303, Bury New Road, Salford, M7 2YN Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	573	10	383020 400514
144	Contemporary Trade Directory Entries Name: Hatfields Manchester Location: 293-303, Bury New Road, Salford, M7 2YN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	573	10	383020 400514
144	Contemporary Trade Directory Entries Name: N Fraser Textiles Ltd Location: 309, Bury New Road, Salford, M7 2YN Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	590	10	383002 400540
144	Contemporary Trade Directory Entries Name: K Ball Location: 311a, Bury New Road, Salford, M7 2YN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	590	10	383001 400550
145	Contemporary Trade Directory Entries Name: Mf Handbags Ltd Location: Victoria Ho, Derby St, Manchester, M8 8HE Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	580	10	383651 399956
145	Contemporary Trade Directory Entries Name: Nield On Demand Location: Caplan House, Derby Street, Manchester, M8 8AT Classification: Razor Blade Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	590	10	383619 399945
146	Contemporary Trade Directory Entries Name: Sabah International Leatherwear Ltd Location: 41, Broughton Street, Manchester, M8 8AN Classification: Leather Merchants & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	584	10	383875 400012
146	Contemporary Trade Directory Entries Name: M I A Fashions Location: 41, Broughton Street, Manchester, M8 8AN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	584	10	383875 400012
147	Contemporary Trade Directory Entries Name: Buy Car Co Manchester Location: 67, Derby Street, Manchester, M8 8HE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	585	10	383562 399952
147	Contemporary Trade Directory Entries Name: Buy Car Co Manchester Location: 67, Derby Street, Manchester, M8 8HE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	585	10	383562 399952
147	Contemporary Trade Directory Entries Name: Andrew Lindsay Location: 67, Derby Street, Manchester, M8 8HE Classification: Electrical Goods - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	585	10	383562 399952
148	Contemporary Trade Directory Entries Name: Liberty Computers Location: 86, Heywood Street, Manchester, M8 0DT Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	586	10	384224 400523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Contemporary Trade Directory Entries Name: Pro Cleaners Cheetham Location: 22a, Balmfield Street, Manchester, M8 0SP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	603	10	384239 400510
149	Contemporary Trade Directory Entries Name: Kashvip (Manchester) Location: 52, Broughton Street, Manchester, M8 8NN Classification: Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	595	10	383929 400030
149	Contemporary Trade Directory Entries Name: Grand Car Comps Ltd Location: Unit 7b 1 Bradstone Road, Manchester, Greater Manchester, M8 8WA Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	605	10	383956 400035
149	Contemporary Trade Directory Entries Name: Xited Uk Ltd Location: 48, Broughton Street, Manchester, M8 8NN Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	620	10	383958 400019
150	Contemporary Trade Directory Entries Name: Adam Heating & Plumbing Ltd Location: 87, Brideoak Street, Manchester, M8 0AY Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	595	10	384088 400978
151	Contemporary Trade Directory Entries Name: Star Shoes Ltd Location: 11 Grove Street, Salford, Greater Manchester, M7 2YZ Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	622	10	383019 400324
151	Contemporary Trade Directory Entries Name: Atlas Foods Location: Star House, 11a, Grove Street, Salford, M7 2YZ Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	622	10	383019 400324
151	Contemporary Trade Directory Entries Name: Keytov (Manchester) Ltd Location: 18, Upper Camp Street, Salford, M7 2ZN Classification: Leather Merchants & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	628	10	383003 400349
151	Contemporary Trade Directory Entries Name: Recovery Services Location: 14, Upper Camp Street, Salford, M7 2ZN Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	628	10	383003 400349
151	Contemporary Trade Directory Entries Name: Lancashire Motor Bodies Ltd Location: Hilton Street, Salford, M7 2YQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	629	10	382987 400392
151	Contemporary Trade Directory Entries Name: Krupa Engineering Ltd Location: 18, Upper Camp Street, Salford, M7 2ZN Classification: Cutting Tools & Machinery Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	635	10	382996 400348
151	Contemporary Trade Directory Entries Name: Olympian Systematic Location: 16, Upper Camp Street, Salford, M7 2ZN Classification: Plastics - Vacuum Forming Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	646	10	382986 400343

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Contemporary Trade Directory Entries Name: Spectrum Textiles Location: 16, Upper Camp Street, Salford, M7 2ZN Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	646	10	382986 400343
151	Contemporary Trade Directory Entries Name: Manchester Auto Salvage Location: 14 Upper Camp St, Salford, Lancashire, M7 2ZN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (W)	676	10	382960 400326
151	Contemporary Trade Directory Entries Name: Jimmys Tyres Ltd Location: 14 Upper Camp St, Salford, Lancashire, M7 2ZN Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (W)	676	10	382960 400326
151	Contemporary Trade Directory Entries Name: Manchester Auto Salvage Location: 14 Upper Camp St, Salford, Lancashire, M7 2ZN Classification: Salvage Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SE (W)	676	10	382960 400326
152	Contemporary Trade Directory Entries Name: Elegant Collection Location: 2-4 Bradstone Rd, Manchester, Lancashire, M8 8WA Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	634	10	383996 400028
152	Contemporary Trade Directory Entries Name: Apple Footwear Location: 42, Broughton Street, Manchester, M8 8NN Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	645	10	383989 400009
153	Contemporary Trade Directory Entries Name: Aviator 75 Location: 7 Premier Road, Manchester, M8 8HH Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	638	10	383698 399902
153	Contemporary Trade Directory Entries Name: Cosy Home Furnishings Ltd Location: Premier House, Premier Road, Manchester, M8 8HH Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	651	10	383663 399886
154	Contemporary Trade Directory Entries Name: Snapshot Location: 44, Leicester Road, Salford, M7 4AR Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	639	10	383277 401152
155	Contemporary Trade Directory Entries Name: B Sternberg & Sons (Textiles) Ltd Location: Benstern House, 23-23a, Elizabeth Street, Manchester, M8 8BB Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	644	10	384189 400243
156	Contemporary Trade Directory Entries Name: Gulf Location: Waterloo Road, Manchester, M8 8GJ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	649	10	383535 399890
156	Contemporary Trade Directory Entries Name: Rabbani Filling Station Location: Waterloo Road, Manchester, M8 8GJ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	650	10	383535 399890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	Contemporary Trade Directory Entries Name: Cheetham Service Station Location: Waterloo Road, Manchester, M8 8GJ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	652	10	383541 399887
157	Contemporary Trade Directory Entries Name: Splash Location: Unit 9,116 Bury New Rd, Manchester, Lancashire, M8 8EB Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	656	10	383396 399916
158	Contemporary Trade Directory Entries Name: R S S Edge Shoes Ltd Location: 37a Broughton Street, Manchester, Greater Manchester, M8 8LZ Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	663	10	383958 399967
158	Contemporary Trade Directory Entries Name: Vellektor Ltd Location: 37, Broughton Street, Manchester, M8 8LZ Classification: Glass Fibre - Materials & Tools Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	663	10	383958 399968
158	Contemporary Trade Directory Entries Name: Vick Trading Ltd Location: 37, Broughton Street, Manchester, Lancashire, M8 8LZ Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	663	10	383958 399968
158	Contemporary Trade Directory Entries Name: M C D M O T & Garage Services Location: Unit 12 Commerce House,54 Derby Street, Manchester, Greater Manchester, M8 8HF Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	675	10	383960 399954
158	Contemporary Trade Directory Entries Name: Manchester Hosiery Location: Unit 4 35 Broughton Street, Manchester, Greater Manchester, M8 8LZ Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	682	10	383980 399959
158	Contemporary Trade Directory Entries Name: First Impressions Location: 33, Broughton Street, Manchester, M8 8LZ Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	694	10	384004 399960
159	Contemporary Trade Directory Entries Name: Zappmite Location: 213, Heywood Street, Manchester, M8 0PB Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	669	10	384182 400977
159	Contemporary Trade Directory Entries Name: Zappjet Wwww Zappjet Com Location: 213, Heywood Street, Manchester, M8 0PB Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	669	10	384182 400977
159	Contemporary Trade Directory Entries Name: The Cleaning Zone Location: 213, Heywood Street, Manchester, M8 0PB Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	669	10	384182 400977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Contemporary Trade Directory Entries Name: Gale Force Cases Ltd Location: 7 Bradstone Road, Manchester, Greater Manchester, M8 8WA Classification: Case Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	675	10	384139 400109
160	Contemporary Trade Directory Entries Name: Fortune Textiles Ltd Location: 9, Bradstone Road, Manchester, M8 8WA Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	688	10	384135 400085
161	Contemporary Trade Directory Entries Name: Edge Clothing M C R Ltd Location: Unit 5, 32a, Broughton Street, Manchester, M8 8NP Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	680	10	384092 400050
161	Contemporary Trade Directory Entries Name: Edge Clothing M C R Ltd Location: Unit 5, 32a, Broughton Street, Manchester, M8 8NP Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	680	10	384092 400050
162	Contemporary Trade Directory Entries Name: Parcel Core Location: Unit 7a, Trafalgar Business Park, Broughton Lane, Manchester, M8 9TZ Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	693	10	383241 399951
162	Contemporary Trade Directory Entries Name: Goldcrest Enterprises Location: Unit 4, Trafalgar Business Park, Broughton Lane, MANCHESTER, M8 9TZ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	716	10	383251 399918
162	Contemporary Trade Directory Entries Name: No Doubt Shoes Location: Unit 13-14 95-103 Broughton Lane Salford Greater Manchest, Salford, Greater Manchester, M7 1UH Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	757	10	383230 399883
163	Contemporary Trade Directory Entries Name: New Image Trading Co Ltd Location: 28, PREMIER ROAD, MANCHESTER, M8 8HH Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	695	10	383719 399848
164	Contemporary Trade Directory Entries Name: J L E Fashion Location: Unit 1, Commerce House, 54, Derby Street, Manchester, M8 8HF Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	700	10	383909 399899
165	Contemporary Trade Directory Entries Name: Lasani Apparels Ltd Location: 36a, Broughton Street, Manchester, M8 8NN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	702	10	384059 399991
165	Contemporary Trade Directory Entries Name: Edge Clothing Location: Unit 4,5 Broughton St, Manchester, Lancashire, M8 8NN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	702	10	384059 399991

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	Contemporary Trade Directory Entries Name: Express Auto Care Location: T O A House, Broughton Street, Manchester, Greater Manchester, M8 8NN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	703	10	384059 399990
165	Contemporary Trade Directory Entries Name: R & Q Location: Unit 1 Raynes Way, 32 Broughton Street, Manchester, Greater Manchester, M8 8NN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	703	10	384059 399990
166	Contemporary Trade Directory Entries Name: D B A Fire Detection Location: 1 Willerby Road, Salford, Greater Manchester, M7 2YL Classification: Firefighting Equipment Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	708	10	382975 400221
167	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: 20-28, WATERLOO ROAD, CHEETHAM, MANCHESTER, M8 8GJ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	710	10	383543 399828
168	Contemporary Trade Directory Entries Name: L G Marketing Ltd Location: 72, Leicester Road, Salford, M7 4AR Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (NW)	720	10	383292 401253
168	Contemporary Trade Directory Entries Name: L G Marketing Ltd Location: 72, Leicester Road, Salford, M7 4AR Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (NW)	720	10	383292 401253
168	Contemporary Trade Directory Entries Name: Sunshine Cleaners Location: 27, Leicester Road, Salford, M7 4AS Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	730	10	383253 401244
168	Contemporary Trade Directory Entries Name: Yvette'S Location: 29, Leicester Road, Salford, M7 4AS Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	734	10	383254 401248
169	Contemporary Trade Directory Entries Name: Pak Nylon Hosiery Co Location: 31, Broughton Street, Manchester, M8 8LZ Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	724	10	384021 399936
169	Contemporary Trade Directory Entries Name: M Y Sweet Wardrobe Location: 8, Woolley Street, Manchester, M8 8WE Classification: Clothing Accessory Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	740	10	384027 399921
169	Contemporary Trade Directory Entries Name: M B P Perfumes Location: 8, WOOLLEY STREET, MANCHESTER, M8 8WE Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	740	10	384027 399921

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	Contemporary Trade Directory Entries Name: Baixin Trading Location: 4B Woolley St, Manchester, Lancashire, M8 8WE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	748	10	384036 399917
170	Contemporary Trade Directory Entries Name: Currys Location: Elizabeth Street, Manchester, M8 8BB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	727	10	384313 400307
171	Contemporary Trade Directory Entries Name: Toptrade Ltd Location: 45, Sherborne Street, Manchester, M8 8LE Classification: Toiletries Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	734	10	383785 399821
171	Contemporary Trade Directory Entries Name: F I Printing Co Ltd Location: 41, Sherborne Street, Manchester, M8 8LE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	777	10	383786 399776
171	Contemporary Trade Directory Entries Name: Abacus Media Location: 41, Sherborne Street, Manchester, M8 8LE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	777	10	383786 399776
171	Contemporary Trade Directory Entries Name: Sedgford Ltd Location: Unit 3,60 Sherborne St, Manchester, Lancashire, M8 8LR Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	823	10	383812 399736
172	Contemporary Trade Directory Entries Name: Euroda Footwear Ltd Location: 34, Broughton Street, Manchester, M8 8NN Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	10	384110 399986
172	Contemporary Trade Directory Entries Name: Mintini Baby Ltd Location: OM House, 32, Broughton Street, Manchester, M8 8NN Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	10	384110 399986
172	Contemporary Trade Directory Entries Name: Longslow Food Group Location: 32, Broughton Street, Manchester, M8 8NN Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	10	384111 399987
172	Contemporary Trade Directory Entries Name: Longslow Dairies (North West) Location: 32, Broughton Street, Manchester, M8 8NN Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	10	384111 399987
172	Contemporary Trade Directory Entries Name: Victory Trading Uk Ltd Location: 32, Broughton Street, Manchester, M8 8NN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	739	10	384111 399987
172	Contemporary Trade Directory Entries Name: 2030 M O T Station Location: Raynes Way, Broughton Street, Manchester, M8 8NN Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	753	10	384136 399992

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	Contemporary Trade Directory Entries Name: Little Giants Ltd Location: 49, Broughton Street, Manchester, M8 8NN Classification: Children & Babywear - Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	754	10	384145 399999
172	Contemporary Trade Directory Entries Name: Little Giants Ltd Location: Unit 2, 30, Broughton Street, Manchester, M8 8NN Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	763	10	384129 399971
172	Contemporary Trade Directory Entries Name: Jack 'N' Jill Ltd Location: Unit 2, 30, Broughton Street, Manchester, Lancashire, M8 8NN Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	763	10	384129 399971
172	Contemporary Trade Directory Entries Name: New Concept Fashion Ltd Location: Unit E1, 23, Broughton Street, Manchester, M8 8LZ Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	785	10	384110 399926
173	Contemporary Trade Directory Entries Name: E C Contract Division Ltd Location: 57a, Derby Street, Manchester, Lancashire, M8 8HW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	740	10	383872 399841
173	Contemporary Trade Directory Entries Name: E C Contract Division Ltd Location: 57A, Derby Street, Manchester, Lancashire, M8 8HW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	740	10	383872 399841
173	Contemporary Trade Directory Entries Name: J C Unique Location: 55a, Derby Street, Manchester, M8 8HW Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	753	10	383898 399837
173	Contemporary Trade Directory Entries Name: Branco Logistics Ltd Location: 55, Derby Street, Manchester, M8 8HW Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	753	10	383898 399837
174	Contemporary Trade Directory Entries Name: Star Shop Fittings Location: 58, Bury New Road, Manchester, M8 8FJ Classification: Shop Fittings Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	740	10	383494 399805
174	Contemporary Trade Directory Entries Name: S J Cellular Ltd Location: 58, Bury New Road, Manchester, M8 8FJ Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	740	10	383494 399805
174	Contemporary Trade Directory Entries Name: S J Cellular Ltd Location: 58, Bury New Road, Manchester, M8 8FJ Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	740	10	383494 399805
174	Contemporary Trade Directory Entries Name: Digital Electronics Centre Ltd Location: 52, Bury New Road, Manchester, M8 8EL Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	777	10	383493 399767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Contemporary Trade Directory Entries Name: Global Star Ltd Location: Sagar House, 7, Sagar Street, Manchester, M8 8EU Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	779	10	383535 399760
174	Contemporary Trade Directory Entries Name: Manchester Wholesale Tools Location: 5, Sagar Street, Manchester, Lancashire, M8 8EU Classification: Machine Tools - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	803	10	383501 399739
175	Contemporary Trade Directory Entries Name: Blackburn Fraser Ltd Location: Unit 6, Choir Street, Salford, Lancashire, M7 1ZD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	741	10	383113 399987
175	Contemporary Trade Directory Entries Name: Ace Clothing Co (Manchester) Ltd Location: Unit 2, 92, Broughton Lane, Salford, M7 1UF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	768	10	383125 399941
175	Contemporary Trade Directory Entries Name: All Brand Trading Location: Unit 2, 92, Broughton Lane, Salford, M7 1UF Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	768	10	383125 399941
175	Contemporary Trade Directory Entries Name: Ayah International Location: 100-102, Broughton Lane, Salford, Lancashire, M7 1UF Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	782	10	383092 399950
175	Contemporary Trade Directory Entries Name: Xception Footwear Location: 104, Broughton Lane, Salford, M7 1UF Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	782	10	383092 399950
176	Contemporary Trade Directory Entries Name: City Support Services Location: 6, Howard Street, Manchester, Lancashire, M8 8EN Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	742	10	383562 399795
176	Contemporary Trade Directory Entries Name: Dreamwise Bedding Location: 2, Howard Street, Manchester, M8 8EN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	753	10	383545 399785
176	Contemporary Trade Directory Entries Name: The Toolbox Manchester Ltd Location: Sagar House, 7, Sagar Street, Manchester, M8 8EU Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	756	10	383562 399780
176	Contemporary Trade Directory Entries Name: Top Styles (Manchester) Ltd Location: Sagar House, 7, Sagar Street, Manchester, M8 8EU Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	756	10	383562 399780
177	Contemporary Trade Directory Entries Name: The Hira Co Ltd Location: Elizabeth House, Elizabeth Street, Manchester, M8 8JJ Classification: Electrical Goods - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	743	10	384266 400177

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	Contemporary Trade Directory Entries Name: W Adam Location: 34, Wellington Street East, Salford, M7 4DW Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	744	10	383086 401133
178	Contemporary Trade Directory Entries Name: Mr William Adam Location: 34, Wellington Street East, Salford, M7 4DW Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	744	10	383086 401133
179	Contemporary Trade Directory Entries Name: Kocha Snack Co Ltd Location: Unit 9 Cambridge Industrial Area, Choir Street, Salford, Greater Manchester, M7 1ZD Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	747	10	383100 399991
180	Contemporary Trade Directory Entries Name: Vital Accessories Location: 13, Broughton Lane, Manchester, Lancashire, M8 9TY Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	748	10	383387 399823
180	Contemporary Trade Directory Entries Name: Mr Wireless Location: 3, BROUGHTON LANE, MANCHESTER, M8 9TY Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	749	10	383416 399813
180	Contemporary Trade Directory Entries Name: Marc Darcy Clothing Location: 85, Bury New Road, Manchester, M8 8FX Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	752	10	383421 399808
180	Contemporary Trade Directory Entries Name: Raj Electronics Ltd Location: 17-23, Broughton Lane, Manchester, M8 9TY Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	753	10	383365 399824
180	Contemporary Trade Directory Entries Name: Nt Traders Location: 36, Moulton Street, Manchester, M8 8FQ Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	773	10	383376 399800
180	Contemporary Trade Directory Entries Name: Vibe Centre Location: 1, Rugby Street, Manchester, M8 9SN Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	775	10	383358 399804
180	Contemporary Trade Directory Entries Name: Shahjee Electronics Ltd Location: 34-35, Moulton Street, Manchester, M8 8FQ Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	777	10	383408 399786
180	Contemporary Trade Directory Entries Name: Mr Mobile Express Location: 36a, Moulton Street, Manchester, M8 8FQ Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	788	10	383354 399791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	Contemporary Trade Directory Entries Name: K2 Location: 37, Moulton Street, Manchester, M8 8FQ Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	802	10	383361 399774
180	Contemporary Trade Directory Entries Name: K 2 Kommunications Location: 37 Moulton St, Manchester, Lancashire, M8 8FQ Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	803	10	383365 399772
181	Contemporary Trade Directory Entries Name: Northern Garage Location: 176, Heywood Street, Manchester, M8 0PD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	756	10	384221 401071
181	Contemporary Trade Directory Entries Name: Etyres - Dm Tyres Mcr Ltd Location: 180, HEYWOOD STREET, MANCHESTER, M8 0PD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	761	10	384220 401079
181	Contemporary Trade Directory Entries Name: D M Tyres Location: 180, Heywood Street, Manchester, M8 0PD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	764	10	384223 401081
181	Contemporary Trade Directory Entries Name: I B S Motors Location: 180, Heywood Street, Manchester, M8 0PD Classification: Diesel Fuel Injection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	764	10	384223 401081
182	Contemporary Trade Directory Entries Name: Texaco Location: Service Station, 25, Broughton Lane, Manchester, M8 9UE Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	757	10	383307 399843
182	Contemporary Trade Directory Entries Name: Texaco Location: 25, Broughton Lane, Manchester, M8 9UE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (SW)	757	10	383307 399843
182	Contemporary Trade Directory Entries Name: F T S Led Uk Ltd Location: 27, Broughton Lane, Manchester, M8 9UE Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (SW)	774	10	383284 399835
182	Contemporary Trade Directory Entries Name: Cream Wholesale Location: 27, Broughton Lane, Manchester, M8 9UE Classification: Abrasive Products - Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	775	10	383284 399834
182	Contemporary Trade Directory Entries Name: Boston Billy Location: 4-6, Rugby Street, Manchester, M8 9SN Classification: Clothing Accessory Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	778	10	383306 399821
182	Contemporary Trade Directory Entries Name: Boston Billy Red Sox Location: 4-6, Rugby Street, Manchester, M8 9SN Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	778	10	383306 399821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	Contemporary Trade Directory Entries Name: Komfort Knights Location: 49-51, Broughton Lane, Manchester, M8 9UE Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	782	10	383280 399828
182	Contemporary Trade Directory Entries Name: Mansam Products Location: 49-51, Broughton Lane, Manchester, M8 9UE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	782	10	383280 399828
182	Contemporary Trade Directory Entries Name: I W Textiles Location: 51b, Broughton Lane, Manchester, Lancashire, M8 9UE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	782	10	383280 399828
182	Contemporary Trade Directory Entries Name: Rjs Import Location: 81-83, Broughton Lane, Manchester, M8 9UE Classification: Pottery Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	782	10	383280 399828
182	Contemporary Trade Directory Entries Name: T & T Textiles & Hosiery Ltd Location: 51a, Broughton Lane, Manchester, M8 9UE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (SW)	782	10	383280 399828
182	Contemporary Trade Directory Entries Name: Ocean Trading International Ltd Location: 10, Rugby Street, Manchester, M8 9SN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	796	10	383302 399803
182	Contemporary Trade Directory Entries Name: Super Deal Wholesale Ltd Location: 26 Rugby Street, Manchester, Greater Manchester, M8 9SN Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	824	10	383274 399785
183	Contemporary Trade Directory Entries Name: Shipping & Trading B N R Ltd Location: 79, Bury New Road, Manchester, M8 8FX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	761	10	383426 399798
183	Contemporary Trade Directory Entries Name: Shipping & Trading Co (Manchester) Ltd Location: 79, Bury New Road, Manchester, M8 8FX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	761	10	383426 399798
183	Contemporary Trade Directory Entries Name: Sana Electrical Ltd Location: 77, Bury New Road, Manchester, M8 8FX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	767	10	383431 399791
184	Contemporary Trade Directory Entries Name: Small Talk Location: Unit 2 Derby St, Manchester, M8 8HF Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (SE)	761	10	383952 399852
185	Contemporary Trade Directory Entries Name: Celine J Location: Unit C-d, 50, Derby Street, Manchester, M8 8HF Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	772	10	383989 399859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Contemporary Trade Directory Entries Name: Ramofy Location: Unit 2,50 Derby Street, Manchester, Greater Manchester, M8 8HF Classification: Boxes & Cartons Status: Active Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	772	10	383989 399859
185	Contemporary Trade Directory Entries Name: Elopak Ltd Location: Woolley Street, Manchester, M8 8WE Classification: Bottle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9SW (SE)	796	10	384008 399842
185	Contemporary Trade Directory Entries Name: Gessy Fashion Location: 39, Derby Street, Manchester, Lancashire, M8 8HW Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	833	10	384025 399810
186	Contemporary Trade Directory Entries Name: Go Cosmetics Ltd Location: 45, Bent Street, Manchester, Lancashire, M8 8NW Classification: Cosmetic Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	772	10	384249 400094
186	Contemporary Trade Directory Entries Name: Antique Renovating Co Location: 43, Bent Street, Manchester, M8 8NW Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	782	10	384250 400079
187	Contemporary Trade Directory Entries Name: Qas Garage Location: 55C, BROUGHTON LANE, SALFORD, M8 9UE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	785	10	383190 399874
187	Contemporary Trade Directory Entries Name: A N A Motor Location: 55, Broughton Lane, Manchester, M8 9UE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	785	10	383190 399874
187	Contemporary Trade Directory Entries Name: A & A Express Location: 55, Broughton Lane, Manchester, M8 9UE Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	785	10	383190 399874
187	Contemporary Trade Directory Entries Name: Stealth Location: 55, Broughton Lane, Manchester, M8 9UE Classification: Alloys Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	785	10	383190 399874
187	Contemporary Trade Directory Entries Name: Ana Parts Express Ltd Location: 55a Broughton La, Manchester, Lancashire, M8 9UE Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	801	10	383216 399840
188	Contemporary Trade Directory Entries Name: Abc 5 Star Location: Flat 4, Floral Court, Bury New Road, Salford, M7 2BW Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	786	10	382853 400842
189	Contemporary Trade Directory Entries Name: M8 Tyres Location: 431-433a, Cheetham Hill Road, MANCHESTER, M8 0PF Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	789	10	384275 401054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Contemporary Trade Directory Entries Name: Abs M O T Station Location: 431-433a, Cheetham Hill Road, MANCHESTER, M8 0PF Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	789	10	384275 401054
190	Contemporary Trade Directory Entries Name: H2f Ltd Location: 46, Derby Street, Manchester, Lancashire, M8 8HN Classification: Toiletries Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	794	10	384060 399877
190	Contemporary Trade Directory Entries Name: Moyee Fashion Location: 23, Broughton Street, Manchester, M8 8LZ Classification: Footwear Manufacturers & Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	807	10	384096 399887
190	Contemporary Trade Directory Entries Name: Arctic Clothing Ltd Location: 23, Broughton Street, Manchester, Lancashire, M8 8LZ Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	807	10	384096 399887
190	Contemporary Trade Directory Entries Name: Nsi Electrical World Ltd Location: 23, Broughton Street, Manchester, M8 8LZ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	807	10	384096 399887
190	Contemporary Trade Directory Entries Name: Influence Apparel Location: 21-23 Broughton St, Manchester, Lancashire, M8 8LZ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	808	10	384096 399886
190	Contemporary Trade Directory Entries Name: A & B Fashion Trading Ltd Location: Unit 11 Amel House, Camberwell Street, Manchester, Greater Manchester, M8 8HG Classification: Clothing Accessory Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	820	10	384067 399851
191	Contemporary Trade Directory Entries Name: Leyland Paint Co Location: 461a, Cheetham Hill Road, Manchester, M8 9PA Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	796	10	384117 401229
192	Contemporary Trade Directory Entries Name: Hamilton Pharmaceutical Ltd Location: 3, Moulton Street, Manchester, M8 8FQ Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	797	10	383429 399760
192	Contemporary Trade Directory Entries Name: Crown Sports Location: 57-59, Bury New Road, Manchester, M8 8FX Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	823	10	383458 399727
192	Contemporary Trade Directory Entries Name: Lawrayne Location: 13, Lockett Street, Manchester, M8 8EE Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	830	10	383449 399721

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	Contemporary Trade Directory Entries Name: Sportsworld Location: 9, Lockett Street, Manchester, M8 8EE Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	845	10	383431 399711
192	Contemporary Trade Directory Entries Name: Jk Trading Services Ltd Location: 9, Lockett Street, Manchester, M8 8EE Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	845	10	383431 399711
192	Contemporary Trade Directory Entries Name: Printec Location: 2, Moulton Street, Manchester, Lancashire, M8 8FQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	846	10	383419 399711
192	Contemporary Trade Directory Entries Name: Anwar Location: 47, Bury New Road, Manchester, M8 8EF Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	851	10	383479 399694
192	Contemporary Trade Directory Entries Name: Spoil Sports Location: 45, Bury New Road, Manchester, M8 8EF Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	857	10	383484 399688
192	Contemporary Trade Directory Entries Name: Royle Service Location: 14 Lockett St, Manchester, Lancashire, M8 8EE Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	867	10	383457 399682
193	Contemporary Trade Directory Entries Name: Andersen Textiles Location: 63, KNOWSLEY STREET, MANCHESTER, M8 8HX Classification: Soft Furnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	804	10	383843 399763
194	Contemporary Trade Directory Entries Name: Arien Refrigeration Service Location: 39-41, Bent Street, Manchester, Lancashire, M8 8NW Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	804	10	384239 400027
194	Contemporary Trade Directory Entries Name: Shadow Location: 39-41, Bent Street, Manchester, M8 8NW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	804	10	384239 400027
194	Contemporary Trade Directory Entries Name: Manchester Footware Location: 41 B Bent St, Manchester, Lancashire, M8 8NW Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	823	10	384249 400010
194	Contemporary Trade Directory Entries Name: Kays Warehouse Location: 171, Cheetham Hill Road, Manchester, M8 8LG Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	844	10	384266 399998
194	Contemporary Trade Directory Entries Name: North West Aesthetics Location: Manchester, Greater Manchester, M8 8lg Classification: Cosmetic Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	848	10	384260 399984

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	Contemporary Trade Directory Entries Name: Alpha 1 Investment Location: Cheetham Hill Rd, Manchester, Lancashire, M8 9LR Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	807	10	384075 401273
196	Contemporary Trade Directory Entries Name: Woodland Garage Location: Halliwell La, Manchester, Lancashire, M8 9ER Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	812	10	384020 401312
197	Contemporary Trade Directory Entries Name: Fabuline Location: 19-21 Broughton St, Manchester, Lancashire, M8 8LZ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	813	10	384156 399928
198	Contemporary Trade Directory Entries Name: Community Solutions Uk C I C Location: Office 13, Great Clowes Street, Salford, Greater Manchester, M7 2ZS Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	814	10	382790 400422
199	Contemporary Trade Directory Entries Name: Aim Apparel M C R Ltd Location: Unit 4, 116, Broughton Lane, Salford, M7 1UF Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	817	10	383039 399952
199	Contemporary Trade Directory Entries Name: Indestructible Cases Location: Unit 1, 95-103, Broughton Lane, Salford, M7 1UH Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	826	10	383073 399909
199	Contemporary Trade Directory Entries Name: R N R Bros Location: Unit 14, Broughton La, Salford, Lancashire, M7 1UH Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	832	10	383041 399929
199	Contemporary Trade Directory Entries Name: Ace Far East Ltd Location: Unit 4, 92, Broughton Lane, Salford, Lancashire, M7 1UF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	844	10	383068 399891
199	Contemporary Trade Directory Entries Name: Double Vee Ltd Location: Unit 4, 92, Broughton Lane, Salford, M7 1UF Classification: Toys, Games & Sporting Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	844	10	383068 399891
199	Contemporary Trade Directory Entries Name: Kult Fashion Ltd Location: Unit 15, 95-103, Broughton Lane, Salford, M7 1UH Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	861	10	383020 399910
200	Contemporary Trade Directory Entries Name: Kosher Direct Location: 5, Welbeck Grove, SALFORD, M7 4DF Classification: Food Colouring, Flavours & Additive Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	820	10	383077 401229
201	Contemporary Trade Directory Entries Name: Reliance Location: 41, Moulton Street, Manchester, M8 8FQ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	824	10	383354 399753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Contemporary Trade Directory Entries Name: Boom Fireworks Ltd Location: 21, Moulton Street, MANCHESTER, M8 8FQ Classification: Firework Stockists Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	839	10	383383 399728
201	Contemporary Trade Directory Entries Name: Chadwick Textiles Location: 1-3, Edward Street, Salford, Lancashire, M7 1SN Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	853	10	383328 399731
201	Contemporary Trade Directory Entries Name: Gsm Accessories Location: 7 Edward St, Salford, Lancashire, M7 1SN Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	854	10	383343 399725
201	Contemporary Trade Directory Entries Name: Avesta Manchester Ltd Location: 11, Edward Street, Salford, M7 1SN Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	10	383352 399718
201	Contemporary Trade Directory Entries Name: Manchester Phone Centre Location: 11, Edward Street, Salford, M7 1SN Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	10	383352 399718
201	Contemporary Trade Directory Entries Name: XI Distribution Uk Ltd Location: 11-13, Edward Street, Salford, M7 1SN Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	863	10	383358 399711
201	Contemporary Trade Directory Entries Name: Apex Technology Location: 11-13, Edward Street, Salford, Lancashire, M7 1SN Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	863	10	383358 399711
202	Contemporary Trade Directory Entries Name: G T Times Location: 30, Rugby Street, Manchester, M8 9SN Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	827	10	383260 399788
202	Contemporary Trade Directory Entries Name: Wicked Nights Ltd Location: 30, Rugby Street, Manchester, Lancashire, M8 9SN Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	827	10	383260 399788
203	Contemporary Trade Directory Entries Name: Royale Print Location: First Floor Suite 6 Office A, The Point, 173, Cheetham Hill Road, Manchester, M8 8LG Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	831	10	384291 400051
203	Contemporary Trade Directory Entries Name: Elite Distribution Location: First Floor Suite 1, The Point, 173, Cheetham Hill Road, Manchester, M8 8LG Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	831	10	384291 400051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Contemporary Trade Directory Entries Name: Brecrest Ltd Location: The Point, 173, Cheetham Hill Road, Manchester, M8 8LG Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	832	10	384292 400051
203	Contemporary Trade Directory Entries Name: Brecrest Babywear Ltd Location: The Point, 173, Cheetham Hill Road, Manchester, M8 8LG Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	832	10	384292 400051
204	Contemporary Trade Directory Entries Name: Cheetham M O T Station Location: 360 Cheetham Hill Road, Manchester, Greater Manchester, M8 9LS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	835	10	384174 401233
204	Contemporary Trade Directory Entries Name: Cheetham Auto Repair Centre Location: 360 Cheetham Hill Road, Manchester, Greater Manchester, M8 9LS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	835	10	384174 401233
205	Contemporary Trade Directory Entries Name: Asda Shirley Express Petrol Location: 490 Cheetham Hill Road, Manchester, Greater Manchester, M8 0PL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	837	10	384242 401170
205	Contemporary Trade Directory Entries Name: Esso Location: 332, Cheetham Hill Road, Manchester, M8 0PL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	838	10	384236 401178
206	Contemporary Trade Directory Entries Name: Halfords Location: UNIT 36, MANCHESTER FORT SHOPPING PARK, CHEETHAM HILL ROAD, MANCHESTER, M8 8EP Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	840	10	384442 400331
207	Contemporary Trade Directory Entries Name: Ers Shopfittings Location: Unit 3, 37, Derby Street, Manchester, M8 8HW Classification: Shop Fittings Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	847	10	384047 399806
208	Contemporary Trade Directory Entries Name: Cheetham Food Store Location: 378, Cheetham Hill Road, Manchester, M8 9LS Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	851	10	384125 401292
209	Contemporary Trade Directory Entries Name: Bello Tyres Manchester Ltd Location: 167, Cheetham Hill Road, Manchester, M8 8LG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	857	10	384254 399965
209	Contemporary Trade Directory Entries Name: M Holt (Manchester) Ltd Location: 159, Cheetham Hill Road, Manchester, M8 8LG Classification: Lingerie Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	887	10	384250 399915

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Contemporary Trade Directory Entries Name: William Birch Engineers Ltd Location: Milton Street, Salford, M7 1UX Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	859	10	383119 399832
210	Contemporary Trade Directory Entries Name: M A P Engineers (Salford) Ltd Location: 1, Milton Street, Salford, M7 1UQ Classification: Engineering Machine Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	859	10	383119 399832
211	Contemporary Trade Directory Entries Name: City Office Supplies Location: Unit 6, 95-103, Broughton Lane, Salford, Lancashire, M7 1UH Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	859	10	383063 399875
211	Contemporary Trade Directory Entries Name: City Office Supplies Location: Unit 6, 95-103, Broughton Lane, Salford, M7 1UH Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	859	10	383063 399875
211	Contemporary Trade Directory Entries Name: Ink Guru Location: Unit 10 Broughton Business Centre, 95-103 Broughton Lane, Salford, Greater Manchester, M7 1UH Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	884	10	383023 399876
211	Contemporary Trade Directory Entries Name: King Of Flash Ltd Location: Unit 10, 95-103, Broughton Lane, Salford, M7 1UH Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	885	10	383022 399875
211	Contemporary Trade Directory Entries Name: T K International Location: Unit 11, 95-103, Broughton Lane, Salford, Lancashire, M7 1UH Classification: Wheel Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	885	10	383022 399875
212	Contemporary Trade Directory Entries Name: Pump Textile & Hosiery Ltd Location: 58-60, Rugby Street, Manchester, M8 9SN Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	860	10	383293 399737
212	Contemporary Trade Directory Entries Name: Global City Location: 48, Rugby Street, Manchester, Lancashire, M8 9SN Classification: Do It Yourself Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	863	10	383260 399748
213	Contemporary Trade Directory Entries Name: Alexican Ltd Location: Unit 15, 95-103, Broughton Lane, Salford, M7 1UH Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	861	10	383020 399910
213	Contemporary Trade Directory Entries Name: E K Leathergoods Location: Unit 12, 117 Broughton Lane, Salford, Lancashire, M7 1UH Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	867	10	383018 399903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	Contemporary Trade Directory Entries Name: Cosmetics Plus Location: Unit 13-14, Broughton Trade Centre, Broughton La, Salford, Lancashire, M7 1UF Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	868	10	383017 399903
213	Contemporary Trade Directory Entries Name: E K Leather Goods Location: 117, Broughton Lane, Salford, Lancashire, M7 1UH Classification: Leather Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	876	10	383006 399903
213	Contemporary Trade Directory Entries Name: Habeo Ltd Location: 105-117, Broughton Lane, Salford, M7 1UH Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	876	10	383006 399903
213	Contemporary Trade Directory Entries Name: Arrk Footwear Ltd Location: 111, Broughton Lane, Salford, Lancashire, M7 1UH Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	876	10	383006 399903
213	Contemporary Trade Directory Entries Name: Blaagbag Location: 105-117 Broughton Lane, Salford, Greater Manchester, M7 1UH Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	880	10	382984 399918
213	Contemporary Trade Directory Entries Name: P S P Cars Ltd Location: 121 Broughton Lane, Salford, Greater Manchester, M7 1UH Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	893	10	382941 399944
213	Contemporary Trade Directory Entries Name: Leatherstyle Handbags Location: A, 1, Kent Street, Salford, M7 1UL Classification: Leather Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	894	10	382970 399912
213	Contemporary Trade Directory Entries Name: Amber Screen Print & Graphics Ltd Location: 105-117, Broughton Lane, Salford, Lancashire, M7 1UH Classification: Screen Process Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	894	10	382970 399912
213	Contemporary Trade Directory Entries Name: C J Tyres Location: 3 Kent St, Salford, Lancashire, M7 1UL Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	920	10	382967 399879
213	Contemporary Trade Directory Entries Name: Manchester Gates & Railings Location: Manchester Gates and Railings, Kent Street, Salford, M7 1UL Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	920	10	382949 399897
213	Contemporary Trade Directory Entries Name: Kent Street Motors Ltd Location: 3, Kent Street, Salford, M7 1UL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	935	10	382922 399903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	Contemporary Trade Directory Entries Name: Call Centre Location: 396, Cheetham Hill Road, Manchester, M8 9LE Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	867	10	384058 401353
215	Contemporary Trade Directory Entries Name: Briefco Wholesale Location: 15, Broughton Street, Manchester, M8 8LZ Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	870	10	384194 399885
215	Contemporary Trade Directory Entries Name: Quick Fit Tyres Location: 151-153, Cheetham Hill Road, Manchester, M8 8LY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	900	10	384217 399867
215	Contemporary Trade Directory Entries Name: Heidrun (Uk) Ltd Location: 151-153, Cheetham Hill Road, Manchester, Lancashire, M8 8LY Classification: Container Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	900	10	384217 399867
215	Contemporary Trade Directory Entries Name: Unique Tryes & Mot Centre Ltd Location: 151-153, Cheetham Hill Road, Manchester, M8 8LY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	900	10	384217 399867
215	Contemporary Trade Directory Entries Name: M & S Textiles Location: 145, Cheetham Hill Road, Manchester, M8 8LY Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	908	10	384202 399842
216	Contemporary Trade Directory Entries Name: Techno Wear Ltd Location: 10, Moulton Street, Manchester, M8 8FQ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	871	10	383370 399699
216	Contemporary Trade Directory Entries Name: Sweatex Location: 9-10, Moulton Street, Manchester, Lancashire, M8 8FQ Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	871	10	383370 399699
216	Contemporary Trade Directory Entries Name: Discount Traders Location: 8, Moulton Street, Manchester, M8 8FQ Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	876	10	383370 399694
216	Contemporary Trade Directory Entries Name: Federal Works Location: 27, Edward Street, Salford, M7 1SN Classification: Do It Yourself Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	898	10	383322 399685
217	Contemporary Trade Directory Entries Name: Little Star Wholesale Location: Unit A, Woolley Street, Manchester, Greater Manchester, M8 8WE Classification: Children & Babywear - Manufacturers & Wholesalers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	872	10	383978 399742
217	Contemporary Trade Directory Entries Name: Zumm Cargo Location: Unit 3, 30-32, Knowsley Street, Manchester, M8 8HQ Classification: Cargo Handling Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	886	10	384006 399740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
217	Contemporary Trade Directory Entries Name: Occasionwear Location: Unit 2, 30-32, Knowsley Street, Manchester, M8 8HQ Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	892	10	384016 399738
218	Contemporary Trade Directory Entries Name: Fragrance4me.Com Location: 20, Heath Street, Manchester, M8 9ET Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	874	10	383730 401475
219	Contemporary Trade Directory Entries Name: Original Gear Ltd Location: 37-39, Bury New Road, Manchester, Lancashire, M8 8EQ Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	877	10	383502 399666
219	Contemporary Trade Directory Entries Name: Handy Bags Location: 10, Lockett Street, Manchester, M8 8EE Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	878	10	383442 399674
219	Contemporary Trade Directory Entries Name: Paramount Clothing Ltd Location: Unit 21 Harris Street, Manchester, Lancashire, M8 8EG Classification: Waterproof Clothing & Rainwear Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	890	10	383435 399663
219	Contemporary Trade Directory Entries Name: Crystal Baths Location: 33, Bury New Road, Manchester, Lancashire, M8 8EQ Classification: Bathroom Fixtures - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	890	10	383502 399652
219	Contemporary Trade Directory Entries Name: Enkay Sports & Leisure Location: 10-16, Harris Street, Manchester, M8 8EG Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	896	10	383477 399649
220	Contemporary Trade Directory Entries Name: Comet Group Plc Location: 238, Cheetham Hill Road, Manchester, M8 8LN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	879	10	384417 400170
221	Contemporary Trade Directory Entries Name: Shak Shak Shopfitting Location: Unit 7, 30-32, Knowsley Street, Manchester, M8 8HQ Classification: Shop Fittings Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	888	10	384034 399752
221	Contemporary Trade Directory Entries Name: Ideal Shop Fittings Location: 7 Camberwell Street, Manchester, Greater Manchester, M8 8HG Classification: Shop Fittings Manufacturers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	911	10	384043 399731
221	Contemporary Trade Directory Entries Name: Evitrend Ltd Location: 28, Knowsley Street, Manchester, M8 8HQ Classification: Knitwear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	920	10	384077 399739
221	Contemporary Trade Directory Entries Name: Lex Knitwear Ltd Location: 28, Knowsley Street, Manchester, Lancashire, M8 8HQ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	920	10	384077 399739

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	Contemporary Trade Directory Entries Name: Saba Location: 28, Knowsley Street, Manchester, Lancashire, M8 8HQ Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	920	10	384077 399739
221	Contemporary Trade Directory Entries Name: Freedia Fabrics Ltd Location: 28, Knowsley Street, Manchester, Lancashire, M8 8HQ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	920	10	384077 399739
221	Contemporary Trade Directory Entries Name: Fine Shape (Clothing) Ltd Location: 28, Knowsley Street, Manchester, Lancashire, M8 8HQ Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	920	10	384077 399739
221	Contemporary Trade Directory Entries Name: Hasan Hangers Ltd Location: 3, Mousell Street, Manchester, M8 8HY Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	946	10	384111 399729
221	Contemporary Trade Directory Entries Name: Rather Bros Location: 26, Knowsley Street, Manchester, M8 8HQ Classification: Foam Products - Rubber & Plastics Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	966	10	384108 399705
222	Contemporary Trade Directory Entries Name: I A S Autopaints Location: 300, Cheetham Hill Road, Manchester, M8 0PL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	888	10	384439 400971
223	Contemporary Trade Directory Entries Name: Dry Cleaning Centre Location: 210, Cheetham Hill Road, Manchester, M8 8LW Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	888	10	384350 400037
224	Contemporary Trade Directory Entries Name: Pan & Sons Ltd Location: 38d, Derby Street, Manchester, M8 8HN Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	892	10	384156 399825
224	Contemporary Trade Directory Entries Name: Kelsi Shoes Location: 38d Derby Street, Manchester, Greater Manchester, M8 8HN Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	892	10	384156 399825
225	Contemporary Trade Directory Entries Name: Mucharski Bags Location: Spear Works, 33, Derby Street, Manchester, Lancashire, M8 8HW Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to an adjacent address or location	A9SW (SE)	892	10	384098 399785
225	Contemporary Trade Directory Entries Name: Zafer Hosiery Co Location: 23a, Derby Street, Manchester, M8 8HW Classification: Hosiery Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	933	10	384134 399759
225	Contemporary Trade Directory Entries Name: Sk & Associates Location: 23, Derby Street, Manchester, Lancashire, M8 8HW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	933	10	384134 399759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	Contemporary Trade Directory Entries Name: Mode Handbag Location: 23a, Derby Street, Manchester, Lancashire, M8 8HW Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	933	10	384134 399759
225	Contemporary Trade Directory Entries Name: Shoes World Location: 23, Derby Street, Manchester, M8 8HW Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	933	10	384134 399759
225	Contemporary Trade Directory Entries Name: Uk No1 Tyres Ltd Location: 111, Cheetham Hill Road, Manchester, M8 8PY Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	965	10	384182 399753
226	Contemporary Trade Directory Entries Name: Sundial Watches Ltd Location: 22, TETLOW LANE, SALFORD, M7 4BU Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	892	10	383518 401495
227	Contemporary Trade Directory Entries Name: R K Sports Location: 26, Bury New Road, Manchester, M8 8EL Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	896	10	383552 399641
227	Contemporary Trade Directory Entries Name: Shell Location: Bury New Rd, Manchester, Lancashire, M8 8FW Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	918	10	383536 399620
227	Contemporary Trade Directory Entries Name: M & S Electrical Location: 17-19, Bury New Road, Manchester, M8 8FW Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	940	10	383526 399599
228	Contemporary Trade Directory Entries Name: Jackson Motors Location: 62, Cambridge Street, Salford, M7 1UY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	903	10	383174 399747
228	Contemporary Trade Directory Entries Name: Dickinson Street Garage Location: 62, Cambridge Street, Salford, M7 1UY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	903	10	383174 399747
229	Contemporary Trade Directory Entries Name: Young Sansi Location: 16, Bury New Road, Manchester, M8 8FR Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	910	10	383607 399624
229	Contemporary Trade Directory Entries Name: Linen Zone Ltd Location: UNIT 1, 39, SHERBORNE STREET, MANCHESTER, M8 8LE Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	913	10	383637 399622
230	Contemporary Trade Directory Entries Name: Cars Of Manchester Location: 202-208 Cheetham Hill Road, Manchester, Greater Manchester, M8 8LW Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	917	10	384331 399962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	Contemporary Trade Directory Entries Name: Mr Recovery Location: 202-208, Cheetham Hill Road, Manchester, M8 8LW Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	917	10	384331 399962
231	Contemporary Trade Directory Entries Name: Aaa Service Station Location: Broughton Lane, SALFORD, M7 1UH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	920	10	382914 399935
232	Contemporary Trade Directory Entries Name: A & M Trading Ltd Location: 135, Cheetham Hill Road, Manchester, M8 8LY Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9SW (SE)	931	10	384209 399817
232	Contemporary Trade Directory Entries Name: Sas Location: 135, Cheetham Hill Road, Manchester, M8 8LY Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9SW (SE)	931	10	384209 399817
232	Contemporary Trade Directory Entries Name: L & N Bags Location: 4, Bent Street, Manchester, M8 8NF Classification: Leather Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	937	10	384180 399787
232	Contemporary Trade Directory Entries Name: Azam & Co Location: 141, Cheetham Hill Road, Manchester, M8 8LY Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	947	10	384216 399803
233	Contemporary Trade Directory Entries Name: Gregson Drums Reconditioners Ltd Location: Unit 26, Caroline Street, Salford, Lancashire, M7 1SS Classification: Drums, Kegs, Barrels & Casks Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	934	10	383254 399674
234	Contemporary Trade Directory Entries Name: Westzone Supplies Location: Cheetham Hill Rd, Manchester, Lancashire, M8 8LW Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	944	10	384317 399904
235	Contemporary Trade Directory Entries Name: Angels@Home Location: 13, Murray Street, Salford, M7 2DX Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	951	10	382650 400712
236	Contemporary Trade Directory Entries Name: Dalton Power Products Ltd Location: 7 Gorton St, Manchester, M7 1UR Classification: Engines - Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	952	10	383161 399698
236	Contemporary Trade Directory Entries Name: Merryworth Joinery Ltd Location: 21-23, Gorton Street, Salford, M7 1UR Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	989	10	383123 399676
237	Contemporary Trade Directory Entries Name: Travelstyle Location: Central House, 32, Chatley Street, Manchester, M3 1HX Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (S)	952	10	383975 399653

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
238	Contemporary Trade Directory Entries Name: Cosy Wear Ltd Location: 45, Overbridge Road, Salford, M7 1SL Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	954	10	383331 399625
238	Contemporary Trade Directory Entries Name: Wilfred Looker Ltd Location: 45, Edward Street, Salford, M7 1SP Classification: Screen Process Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	973	10	383291 399618
239	Contemporary Trade Directory Entries Name: Go North West Location: QUEENS ROAD DEPOT, QUEENS ROAD, MANCHESTER, M8 8UT Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	960	10	384597 400502
240	Contemporary Trade Directory Entries Name: Trinity Diesels Ltd Location: UNIT 1 AND 2, TRINITY HOUSE, 2, KENT STREET, SALFORD, M7 1UN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SW (SW)	966	10	382919 399862
241	Contemporary Trade Directory Entries Name: Arax Location: Unit 11B Overbridge Rd, Salford, Lancashire, M7 1SL Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	971	10	383420 399584
242	Contemporary Trade Directory Entries Name: Superdrug Location: Unit 25, Manchester Fort Shopping Park, Cheetham Hill Road, Manchester, M8 8EP Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	972	10	384457 400049
243	Contemporary Trade Directory Entries Name: A A Computer Centre Ltd Location: 18-24, Knowsley Street, Manchester, M8 8HQ Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	973	10	384120 399703
244	Contemporary Trade Directory Entries Name: Jessops Chapefields Location: Unit 1, Manchester Fort Shopping Park, Cheetham Hill Road, Manchester, Lancashire, M8 8EP Classification: Photographic Processors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	973	10	384575 400309
245	Contemporary Trade Directory Entries Name: Greenhill Refrigeration Ltd Location: 28, Greenhill Road, Manchester, M8 9LG Classification: Refrigerators & Freezers - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	973	10	384132 401433
246	Contemporary Trade Directory Entries Name: Adampol Location: Flat 2, 9, Smedley Lane, Manchester, M8 8UJ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	974	10	384568 400877
247	Contemporary Trade Directory Entries Name: North Street M O T'S Ltd Location: 59-63, North Street, Manchester, M8 8RE Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	979	10	384383 399927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	Contemporary Trade Directory Entries Name: H N D Kapur Textiles Ltd Location: 51, North Street, Manchester, M8 8RE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	997	10	384385 399901
248	Contemporary Trade Directory Entries Name: Combined Technical Services (Uk) Ltd Location: 1-6 Gorton St, Manchester, M7 1UR Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	981	10	383208 399642
249	Contemporary Trade Directory Entries Name: Scents & Sensuality Location: 166-168, Cheetham Hill Road, Manchester, M8 8LQ Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	986	10	384285 399811
249	Contemporary Trade Directory Entries Name: Onyx Cosmetics Ltd Location: Onyx House, 164, Cheetham Hill Road, Manchester, M8 8LQ Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	989	10	384282 399804
249	Contemporary Trade Directory Entries Name: Zara'S Perfumery Location: Onyx House, 164, Cheetham Hill Road, Manchester, Lancashire, M8 8LQ Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	989	10	384282 399804
250	Contemporary Trade Directory Entries Name: Electro Mechanical Services Location: Great Cheetham St West, Salford, Greater Manchester, M7 2DN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	988	10	382607 400478
251	Contemporary Trade Directory Entries Name: Diamond Carpet Solutions Location: Salford, M7 2ED Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	991	10	382691 400986
252	Contemporary Trade Directory Entries Name: Joseph Holt Location: The Brewery, Empire Street, Manchester, M3 1JD Classification: Brewers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	991	10	384078 399659
252	Contemporary Trade Directory Entries Name: Bown Bags Ltd Location: Unit 2 Empire St, Manchester, Lancashire, M3 1JB Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	994	10	384048 399640
253	Contemporary Trade Directory Entries Name: Feline Ltd Location: 40 Southall St, Manchester, Lancashire, M60 9AH Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	993	10	383869 399575
253	Contemporary Trade Directory Entries Name: Svenson Commodities Ltd Location: 40 Southall St, Manchester, Lancashire, M3 1LG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	993	10	383868 399574
254	Contemporary Trade Directory Entries Name: Eurosonic Group Location: 11, Sherborne Street, Manchester, M3 1JS Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	995	10	383517 399545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	Contemporary Trade Directory Entries Name: Mendore Location: Unit 5 Girton St, Cambridge Ind Area, Salford, Lancashire, M7 1UR Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	999	10	383158 399647
256	Fuel Station Entries Name: Saga Service Station Location: 229-241, Bury New Road , Salford , Manchester, Greater Manchester, M8 8DY Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A12SE (SW)	544	10	383152 400241
257	Fuel Station Entries Name: Unique Enterprises Filling Station Location: Waterloo Road , Strangeways , Manchester, Greater Manchester, M8 8GJ Brand: Gulf Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A8SW (S)	652	10	383541 399887
257	Fuel Station Entries Name: Cheetham Service Station Location: Waterloo Road , , Manchester, Greater Manchester, M8 8GJ Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A8SW (S)	652	10	383541 399887
258	Fuel Station Entries Name: Broughton Lane Service Station Location: 25, Broughton Lane Rugby Street, Strangeways , Manchester, Greater Manchester, M8 9UE Brand: TEXACO Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A8SW (SW)	757	10	383307 399843
259	Fuel Station Entries Name: Express Service Station Location: 445, Cheetham Hill Road , , Manchester, Greater Manchester, M8 0PF Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A19SE (NE)	800	10	384295 401043
260	Fuel Station Entries Name: Shirley Service Station Location: 332, Cheetham Hill Road , Cheetham Hill , Manchester, Greater Manchester, M8 0PL Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	838	10	384241 401172
261	Fuel Station Entries Name: Kennings Ltd Location: Cheetham Hill Road , , Manchester, Greater Manchester, M8 8LW Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A9NE (SE)	889	10	384351 400036
262	Fuel Station Entries Name: AAA Service Station Location: 117, Broughton Lane Great Clowes Street, , Salford, Greater Manchester, M7 1UH Brand: Gulf Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7NW (SW)	920	10	382914 399935
263	Fuel Station Entries Name: Cheetham Hill Filling Station Location: 111, Cheetham Hill Road , , Manchester, Greater Manchester, M8 8PY Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A9SW (SE)	965	10	384182 399753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
264	Points of Interest - Commercial Services Name: M A Motor Services Location: 200 Waterloo Road, Manchester, M8 8AE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	245	11	383814 400391
265	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	345	11	383877 400310
265	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	345	11	383877 400310
265	Points of Interest - Commercial Services Name: Hexagon International Transport Ltd Location: Cheetwood Road, Manchester, M8 8AQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	346	11	383877 400309
266	Points of Interest - Commercial Services Name: D T M Motors Location: 1a Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	348	11	383975 400486
266	Points of Interest - Commercial Services Name: D T M Motors Ltd Location: 1a Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	349	11	383976 400486
266	Points of Interest - Commercial Services Name: D T M Location: 1 Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	349	11	383976 400486
266	Points of Interest - Commercial Services Name: D T M Location: 1 Herbert Street, Manchester, M8 0DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	349	11	383976 400486
267	Points of Interest - Commercial Services Name: Youles Motorcycles Location: 186 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	504	11	383254 400179
267	Points of Interest - Commercial Services Name: Halfords Autocentre Location: 184 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	530	11	383283 400120
268	Points of Interest - Commercial Services Name: Express Fit Location: 270 Bury New Rd, Salford, Lancashire, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	505	11	383094 400477
268	Points of Interest - Commercial Services Name: Express Fit Location: 270 Bury New Road, Salford, Lancashire, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	505	11	383094 400477

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	Points of Interest - Commercial Services Name: Lexus Location: 286 Bury New Road, Salford, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	523	11	383070 400525
269	Points of Interest - Commercial Services Name: Lexus Location: 286 Bury New Road, Salford, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	523	11	383070 400525
269	Points of Interest - Commercial Services Name: R R G Manchester Ltd Location: 288-292 Bury New Road, Salford, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	558	11	383033 400595
269	Points of Interest - Commercial Services Name: Elton Garages Manchester Location: 288-292 Bury New Road, Salford, M7 2YJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	558	11	383033 400595
270	Points of Interest - Commercial Services Name: Manchester Car Repair Location: 263 Bury New Road, Salford, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	532	11	383121 400321
270	Points of Interest - Commercial Services Name: Motor Body Services Ltd Location: 263 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	540	11	383113 400317
270	Points of Interest - Commercial Services Name: Motor Body Services Salford Ltd Location: 263 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	540	11	383113 400317
270	Points of Interest - Commercial Services Name: Manchester Car Refurb Centre Location: 263 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	540	11	383113 400317
270	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: 265 Bury New Road, Manchester, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	540	11	383102 400339
270	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: 265 Bury New Road, Salford, M8 8DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	541	11	383102 400338
270	Points of Interest - Commercial Services Name: Carspar (Manchester) Ltd Location: 229-241 Bury New Road, Manchester, M8 8DY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	544	11	383152 400241
270	Points of Interest - Commercial Services Name: New York Carwash Location: 229-241 Bury New Road, Manchester, M8 8DY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	545	11	383152 400241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
270	Points of Interest - Commercial Services Name: New York Carwash Location: 229-241 Bury New Road, Manchester, M8 8DY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	545	11	383152 400241
270	Points of Interest - Commercial Services Name: Grove Street Test Centre Location: 2 Grove Street, Salford, M7 2YZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	554	11	383076 400365
270	Points of Interest - Commercial Services Name: C B S Location: Grove Street, Salford, M7 2YZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	563	11	383067 400362
270	Points of Interest - Commercial Services Name: Grove Street Test Centre Location: Grove Street, Salford, M7 2YZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	570	11	383058 400366
271	Points of Interest - Commercial Services Name: R C C Manchester Location: 199 Bury New Road, Manchester, M8 8DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	540	11	383198 400187
271	Points of Interest - Commercial Services Name: Manchester M O T & Service Centre Location: 199 Bury New Road, Manchester, M8 8DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	540	11	383198 400187
272	Points of Interest - Commercial Services Name: Buy Car Co Manchester Location: 67 Derby Street, Manchester, M8 8HE Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (S)	585	11	383562 399952
272	Points of Interest - Commercial Services Name: Robinson Motors Ltd Location: Cheetham Service Station, Waterloo Road, Manchester, M8 8GJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	652	11	383541 399887
272	Points of Interest - Commercial Services Name: Car Wash Location: Waterloo Road, Manchester, M8 8GJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	652	11	383541 399887
273	Points of Interest - Commercial Services Name: M C D M O T & Garage Services Location: Unit 12 Commerce House, 54 Derby Street, Manchester, M8 8HF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	596	11	383835 399981
274	Points of Interest - Commercial Services Name: Lancashire Motor Bodies Ltd Location: Hilton Street, Salford, M7 2YQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	629	11	382987 400392
274	Points of Interest - Commercial Services Name: Lancashire Motor Bodies Ltd Location: Hilton Street, Salford, M7 2YQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	629	11	382987 400392

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	Points of Interest - Commercial Services Name: Car Breakers Yard Location: M8 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A9NW (SE)	642	11	384140 400165
276	Points of Interest - Commercial Services Name: Zappmite Location: 213 Heywood Street, Manchester, M8 0PB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A19SW (NE)	668	11	384181 400976
277	Points of Interest - Commercial Services Name: Parcel Core Location: Trafalgar Business Park, Broughton Lane, Salford, M8 9TZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	693	11	383241 399951
278	Points of Interest - Commercial Services Name: 2030 M O T Station Location: 36 Broughton Street, Manchester, M8 8NN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	702	11	384059 399991
279	Points of Interest - Commercial Services Name: E & C Motors Location: Unit 22 Commerce House 52-54, Derby Street, Manchester, M8 8HF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (SE)	706	11	383909 399893
279	Points of Interest - Commercial Services Name: Branco Logistics Ltd Location: 55 Derby Street, Manchester, M8 8HW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	753	11	383898 399837
280	Points of Interest - Commercial Services Name: Northern Garage Location: 176 Heywood Street, Manchester, M8 0PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	756	11	384221 401071
280	Points of Interest - Commercial Services Name: Northern Garage Location: 176 Heywood Street, Manchester, M8 0PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	756	11	384221 401071
280	Points of Interest - Commercial Services Name: Kwik Shine Location: 445 Cheetham Hill Road, Manchester, M8 0PF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19SW (NE)	785	11	384219 401117
280	Points of Interest - Commercial Services Name: Abs MOT Station Location: 431-433a, Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	789	11	384275 401054
280	Points of Interest - Commercial Services Name: Abs MOT Station Location: 433 Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	789	11	384275 401054
280	Points of Interest - Commercial Services Name: Abs MOT Station Location: 431-433a, Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	789	11	384275 401054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	Points of Interest - Commercial Services Name: Abs M O T Station Location: 431 Cheetham Hill Road, Manchester, M8 0PF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	806	11	384302 401043
281	Points of Interest - Commercial Services Name: A N A Motor Location: 55 Broughton Lane, Manchester, M8 9UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	785	11	383190 399874
281	Points of Interest - Commercial Services Name: Qas Garage Location: 55c Broughton Lane, Salford, M8 9UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	785	11	383190 399874
281	Points of Interest - Commercial Services Name: A & A MOT Express Location: 55 Broughton Lane, Manchester, M8 9UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	785	11	383190 399874
281	Points of Interest - Commercial Services Name: A N A M O T Express Location: 55 Broughton Lane, Manchester, M8 9UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	785	11	383190 399874
281	Points of Interest - Commercial Services Name: Ana Parts Express Location: 55a Broughton La, Manchester, Lancashire, M8 9UE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	801	11	383216 399840
282	Points of Interest - Commercial Services Name: E & C Motor Services Location: Woolley Street, Manchester, M8 8WE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	793	11	384032 399861
283	Points of Interest - Commercial Services Name: Cheetham Motor Factors Location: 341 Cheetham Hill Road, Manchester, M8 0SF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	795	11	384430 400675
284	Points of Interest - Commercial Services Name: Electro Mechanical Services Location: Great Cheetham Street West, Salford, M7 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	803	11	382789 400524
285	Points of Interest - Commercial Services Name: Woodland Garage Location: 1 Progress Buildings, Halliwell Lane, Manchester, M8 9ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	820	11	384013 401325
286	Points of Interest - Commercial Services Name: Liberty Distributors Ltd Location: 23 Moulton Street, Manchester, M8 8FQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SW (S)	832	11	383390 399734
286	Points of Interest - Commercial Services Name: XL Distribution UK Ltd Location: 11-13 Edward Street, Salford, M7 1SN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SW (S)	863	11	383358 399711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
287	Points of Interest - Commercial Services Name: Cheetham Auto Repair Centre Location: 360 Cheetham Hill Road, Manchester, M8 9LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	835	11	384174 401233
287	Points of Interest - Commercial Services Name: Cheetham M O T Station Location: 360 Cheetham Hill Road, Manchester, M8 9LS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	835	11	384174 401233
288	Points of Interest - Commercial Services Name: Zumm Cargo Location: Unit 3 Little Giants Mall 30-32, Knowsley Street, Manchester, M8 8HQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	886	11	384006 399740
289	Points of Interest - Commercial Services Name: I A S Autopaints Location: 300 Cheetham Hill Road, Manchester, M8 0PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	888	11	384439 400971
290	Points of Interest - Commercial Services Name: Wash & Glow Location: 210 Cheetham Hill Road, Manchester, M8 8LW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NE (SE)	889	11	384351 400036
290	Points of Interest - Commercial Services Name: Wash & Go Car Wash Location: 210-216 Cheetham Hill Road, Manchester, M8 8LW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NE (SE)	890	11	384352 400036
291	Points of Interest - Commercial Services Name: Unique Tyres & MOT Centre Ltd Location: 151-153 Cheetham Hill Road, Manchester, M8 8LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	900	11	384217 399867
291	Points of Interest - Commercial Services Name: Lunex Ltd Location: 151-153 Cheetham Hill Road, Manchester, M8 8LY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	900	11	384217 399867
292	Points of Interest - Commercial Services Name: Dickinson Street Garage Location: 62 Cambridge Street, Salford, M7 1UY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	903	11	383174 399747
292	Points of Interest - Commercial Services Name: Jackson's Motors Location: 62 Cambridge Street, Salford, M7 1UY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	903	11	383174 399747
292	Points of Interest - Commercial Services Name: Jackson Motors Location: 62 Cambridge Street, Salford, M7 1UY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	903	11	383174 399747
293	Points of Interest - Commercial Services Name: A S N A Enterprise Location: 424 Cheetham Hill Road, Manchester, M8 9LE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NW (NE)	910	11	384002 401431

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	Points of Interest - Commercial Services Name: Car Wash Location: 117 Broughton Lane, Great Clowes Street, Salford, Lancashire, M7 1UH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NW (SW)	920	11	382914 399935
294	Points of Interest - Commercial Services Name: Kent Street Motors Ltd Location: 3 Kent Street, Salford, M7 1UL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	935	11	382922 399903
294	Points of Interest - Commercial Services Name: Trinity Diesels Ltd Location: Unit 1 and 2 Trinity House 2, Kent Street, Salford, M7 1UN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SW (SW)	966	11	382919 399862
295	Points of Interest - Commercial Services Name: Big Benz Location: 111 Cheetham Hill Road, Manchester, M8 8PY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	965	11	384182 399753
295	Points of Interest - Commercial Services Name: Big Benz Location: 111 Cheetham Hill Road, Manchester, M8 8PY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	965	11	384182 399753
295	Points of Interest - Commercial Services Name: Big Benz Location: 111 Cheetham Hill Road, Manchester, M8 8PY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	965	11	384182 399753
296	Points of Interest - Commercial Services Name: Adampol Location: Flat 2 9, Smedley Lane, Manchester, M8 8UJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	974	11	384568 400877
297	Points of Interest - Commercial Services Name: North Street MOT Ltd Location: 59-63 North Street, Manchester, M8 8RE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	979	11	384383 399927
297	Points of Interest - Commercial Services Name: North Street M O T's Ltd Location: 59-63 North Street, Manchester, M8 8RE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	986	11	384388 399923
298	Points of Interest - Commercial Services Name: Europasonic Location: 11 Sherborne Street, Manchester, M3 1JS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A3NW (S)	995	11	383517 399545
299	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (SE)	267	11	383791 400334
299	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (SE)	316	11	383805 400282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
299	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	317	11	383760 400253
300	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8NE (S)	362	11	383714 400186
300	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	367	11	383710 400180
301	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8NE (S)	436	11	383705 400108
301	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8NE (S)	476	11	383717 400070
301	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	499	11	383725 400048
302	Points of Interest - Manufacturing and Production Name: Britain Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9NW (SE)	545	11	383955 400109
302	Points of Interest - Manufacturing and Production Name: Britain Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	546	11	383956 400108
303	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	585	11	383007 400531
303	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	610	11	382983 400522
303	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	616	11	382975 400543
304	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12SE (W)	613	11	383003 400397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	Points of Interest - Manufacturing and Production Name: Factory Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12SE (SW)	621	11	383020 400326
304	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	626	11	382991 400391
304	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	626	11	382991 400391
304	Points of Interest - Manufacturing and Production Name: Factory Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12SE (W)	630	11	383010 400326
305	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	628	11	383830 399945
306	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	654	11	383646 399881
306	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	655	11	383650 399881
307	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	661	11	384011 400006
307	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9NW (SE)	662	11	384002 399998
308	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	674	11	384136 400107
308	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9NW (SE)	676	11	384139 400108
309	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	684	11	383920 399922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
309	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	754	11	383981 399876
309	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	755	11	383985 399877
310	Points of Interest - Manufacturing and Production Name: Trafalgar Business Park Location: M8 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	692	11	383249 399947
310	Points of Interest - Manufacturing and Production Name: Trafalgar Business Park Location: M8 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	700	11	383226 399952
311	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	697	11	383814 399867
311	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	697	11	383811 399866
311	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	727	11	383869 399853
311	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	728	11	383872 399854
311	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	746	11	383795 399811
311	Points of Interest - Manufacturing and Production Name: Works Location: M3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	746	11	383799 399812
311	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	773	11	383865 399803
311	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	774	11	383869 399804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
311	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	821	11	383831 399743
311	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	821	11	383828 399742
312	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	724	11	382946 400240
312	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NW (SW)	738	11	382940 400222
313	Points of Interest - Manufacturing and Production Name: Tank Location: M8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9NW (SE)	782	11	384221 400041
314	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	792	11	384114 401226
314	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	795	11	384117 401227
314	Points of Interest - Manufacturing and Production Name: Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	840	11	384178 401236
315	Points of Interest - Manufacturing and Production Name: Works Location: M7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12SW (W)	797	11	382795 400532
316	Points of Interest - Manufacturing and Production Name: Tank Location: M8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	813	11	384095 399879
317	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	857	11	383528 399682
317	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	858	11	383455 399692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	864	11	383456 399686
318	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	866	11	383910 399720
318	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SE (S)	868	11	383915 399720
318	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SE (S)	881	11	383952 399721
318	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	886	11	383950 399715
319	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	877	11	383996 399745
320	Points of Interest - Manufacturing and Production Name: Feranti Trading Location: Unit 11 95-103, Broughton Lane, Salford, M7 1UH Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A7SE (SW)	885	11	383022 399875
321	Points of Interest - Manufacturing and Production Name: Spear Works Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	891	11	384077 399773
321	Points of Interest - Manufacturing and Production Name: Spear Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	896	11	384087 399773
321	Points of Interest - Manufacturing and Production Name: Factory Location: M8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9SW (SE)	946	11	384111 399729
321	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	949	11	384109 399724
322	Points of Interest - Manufacturing and Production Name: Tank Location: M8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9NE (SE)	895	11	384355 400031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
323	Points of Interest - Manufacturing and Production Name: Tank Location: M8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	979	11	384392 401214
324	Points of Interest - Public Infrastructure Name: Gulf Location: Waterloo Road, Manchester, M8 8GJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	268	11	383843 400394
325	Points of Interest - Public Infrastructure Name: Vales Coaches (Manchester) Ltd Location: 49 Broughton Street, Manchester, M8 8AN Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A8NE (S)	473	11	383687 400067
326	Points of Interest - Public Infrastructure Name: Cheetham Service Station Location: Waterloo Road, Manchester, M8 8GJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	652	11	383541 399887
326	Points of Interest - Public Infrastructure Name: Rabbani Filling Station Location: Waterloo Road, Manchester, M8 8GJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	652	11	383541 399887
326	Points of Interest - Public Infrastructure Name: Unique Enterprises Filling Station Location: Waterloo Road, Manchester, M8 8GJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	652	11	383541 399887
327	Points of Interest - Public Infrastructure Name: Texaco Location: 25 Broughton Lane, Salford, M8 9UE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (SW)	757	11	383307 399843
327	Points of Interest - Public Infrastructure Name: Aleef Broughton Lane Sstn Location: Service Station 25, Broughton Lane, Manchester, M8 9UE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (SW)	757	11	383307 399843
327	Points of Interest - Public Infrastructure Name: Broughton Lane Service Station Location: Service Station 25, Broughton Lane, Manchester, M8 9UE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (SW)	757	11	383307 399843
328	Points of Interest - Public Infrastructure Name: Asda Shirley Express Petrol Location: 490 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	837	11	384242 401170
328	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	838	11	384236 401178
328	Points of Interest - Public Infrastructure Name: Esso Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	838	11	384236 401178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	838	11	384236 401178
328	Points of Interest - Public Infrastructure Name: Shirley Service Station Location: 332 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	838	11	384235 401178
328	Points of Interest - Public Infrastructure Name: Asda Shirley Express Petrol Location: 490 Cheetham Hill Road, Manchester, M8 0PL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	839	11	384243 401171
329	Points of Interest - Public Infrastructure Name: Y P Services Location: 105-117 Broughton Lane, Salford, M7 1UH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	919	11	382914 399936
329	Points of Interest - Public Infrastructure Name: AAA Service Station Location: Broughton Lane, Salford, M7 1UH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	920	11	382914 399935
329	Points of Interest - Public Infrastructure Name: AAA Service Station Location: 117 Broughton Lane, Great Clowes Street, Salford, Lancashire, M7 1UH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	920	11	382914 399935
330	Points of Interest - Public Infrastructure Name: Bus Depot Location: M8 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	955	11	384591 400486
330	Points of Interest - Public Infrastructure Name: Go North West Location: Bus Depot, Queens Road, Manchester, M8 8UT Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14SE (E)	960	11	384597 400502
331	Points of Interest - Public Infrastructure Name: Bus Depot Location: M8 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	960	11	384600 400621
332	Points of Interest - Public Infrastructure Name: Sludge Tanks Location: M3 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	962	11	384030 399667
333	Points of Interest - Recreational and Environmental Name: Playground Location: Barrow Hill Road, M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (S)	72	11	383605 400463
334	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	343	11	383791 400902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
335	Points of Interest - Recreational and Environmental Name: Play Area Location: M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	424	11	383980 400319
336	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	439	11	383610 401047
336	Points of Interest - Recreational and Environmental Name: Playground Location: Weatherall Street North, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	439	11	383602 401047
337	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	676	11	382982 400276
337	Points of Interest - Recreational and Environmental Name: Play Area Location: Burland Close, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	676	11	382982 400276
338	Points of Interest - Recreational and Environmental Name: Playground Location: Great Cheetham Street East, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	698	11	383470 401292
338	Points of Interest - Recreational and Environmental Name: Play Area Location: M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	756	11	383483 401353
339	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	759	11	382835 400644
340	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	767	11	383609 401375
340	Points of Interest - Recreational and Environmental Name: Play Area Location: St Mark'S Lane, M8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	767	11	383602 401375
341	Points of Interest - Recreational and Environmental Name: Playground Location: Evergreen Mews, M7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SE (NW)	843	11	383027 401214
342	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	880	11	383715 401482

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
343	Nitrate Vulnerable Zones Name: Irwell / Man. Ship Canal (Kearsley To Irlam Locks) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (W)	0	2	383615 400572
344	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A19NW (NE)	803	2	384100 401250

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Trafford Metropolitan Borough Council - Renewal and Environmental Protection Environment Agency - Head Office Manchester City Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	November 2013 November 2023 October 2017 October 2017 October 2017 October 2017 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North West Region	October 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	October 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 June 2015 March 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 June 2015 March 2015 October 2014 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 June 2015 March 2015 March 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2025	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Historical Prosecutions Environment Agency, North West Region	March 2013	Not Applicable
Prosecutions Environment Agency - Head Office	February 2024	Annually
Registered Radioactive Substances Scottish Environment Protection Agency - Head Office Environment Agency - Head Office Environment Agency - North West Region	January 1998 May 2023 May 2023	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2025	Quarterly
Water Abstractions Environment Agency - North West Region	April 2025	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	January 2025	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	October 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	November 2024	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	October 2024	Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Trafford Metropolitan Borough Council Salford City Council Tameside Metropolitan Borough Council - Planning and Building Control Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 July 2023 June 2016 June 2023 May 2023	Variable Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Tameside Metropolitan Borough Council - Planning and Building Control Salford City Council	April 2016 February 2016 February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2025	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	March 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	December 2024	Quarterly
Points of Interest - Commercial Services PointX	March 2025	Quarterly
Points of Interest - Education and Health PointX	March 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2025	Quarterly
Points of Interest - Public Infrastructure PointX	March 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

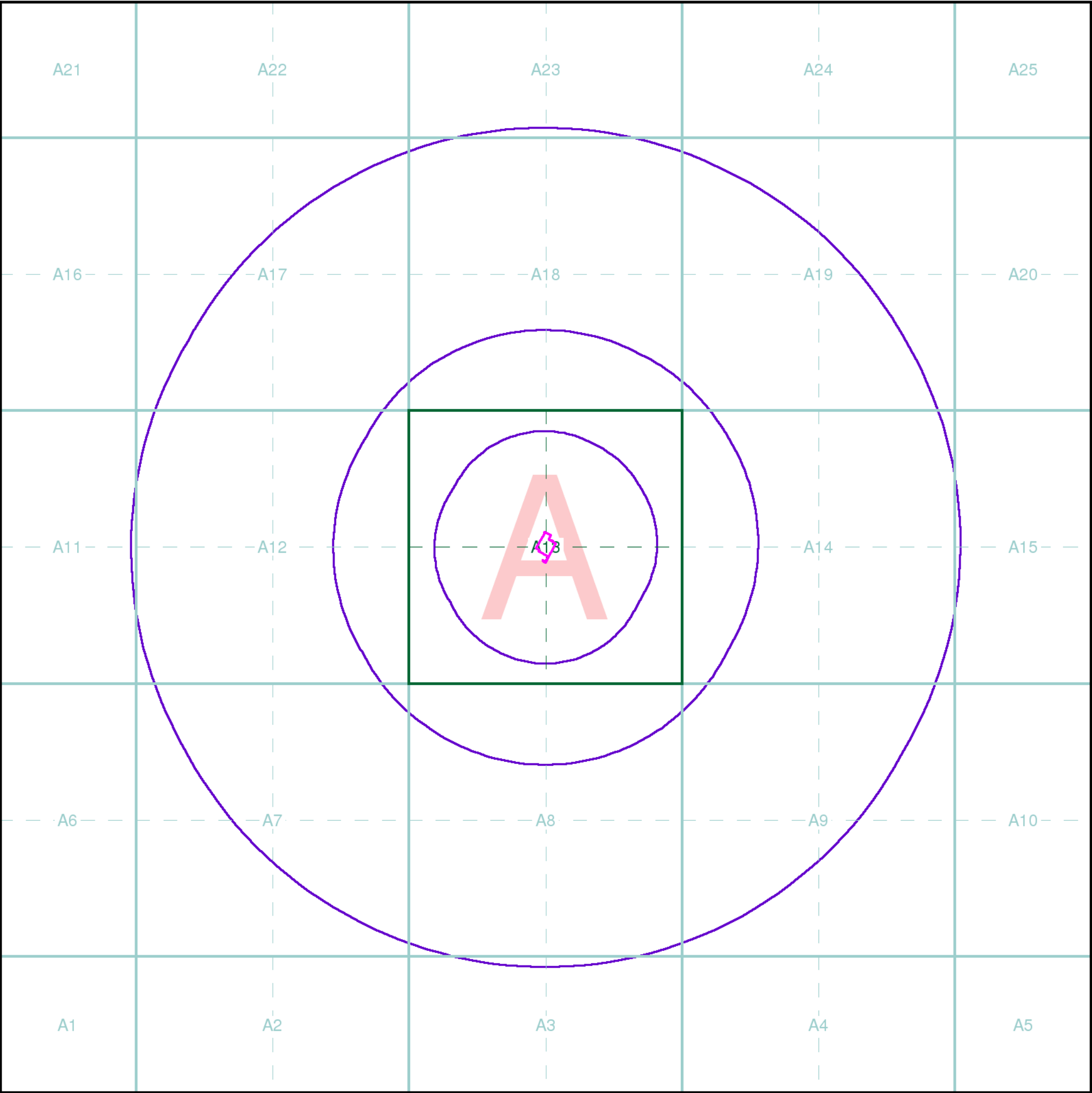
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	March 2025	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	March 2025	Bi-Annually
Marine Nature Reserves Natural England	February 2025	Bi-Annually
National Nature Reserves Natural England	January 2025	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
Ramsar Sites Natural England	February 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2024	Bi-Annually
Special Areas of Conservation Natural England	January 2025	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

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	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Salford City Council - Environmental Health Department Crompton House, 100 Chorley Road, Swinton, Manchester, Greater Manchester, M27 2ES	Telephone: 0161 7370551 Fax: 0161 728 1956 Website: www.salford.gov.uk
5	Scottish Environment Protection Agency - Head Office Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
6	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
7	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
8	Manchester City Council - Planning Department Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
9	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
10	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
11	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
12	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



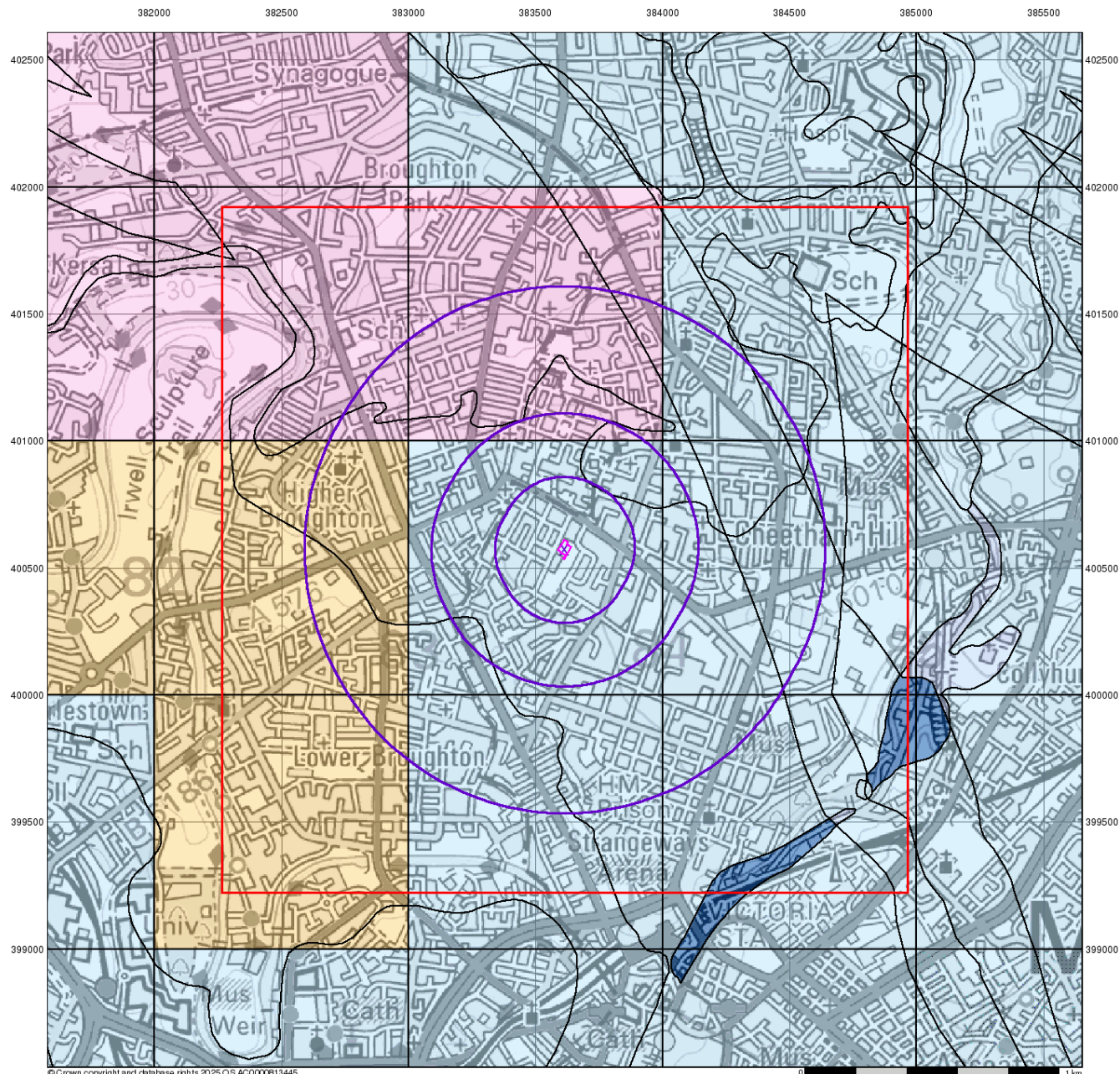
Envirocheck reports are compiled from 136 different sources of data.

Client Details
Ms S Ltd, Soiltechnics Limited, Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY

Order Details
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400580
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details
Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Bedrock Aquifers

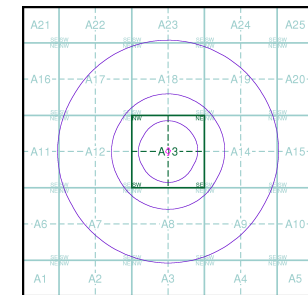
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A

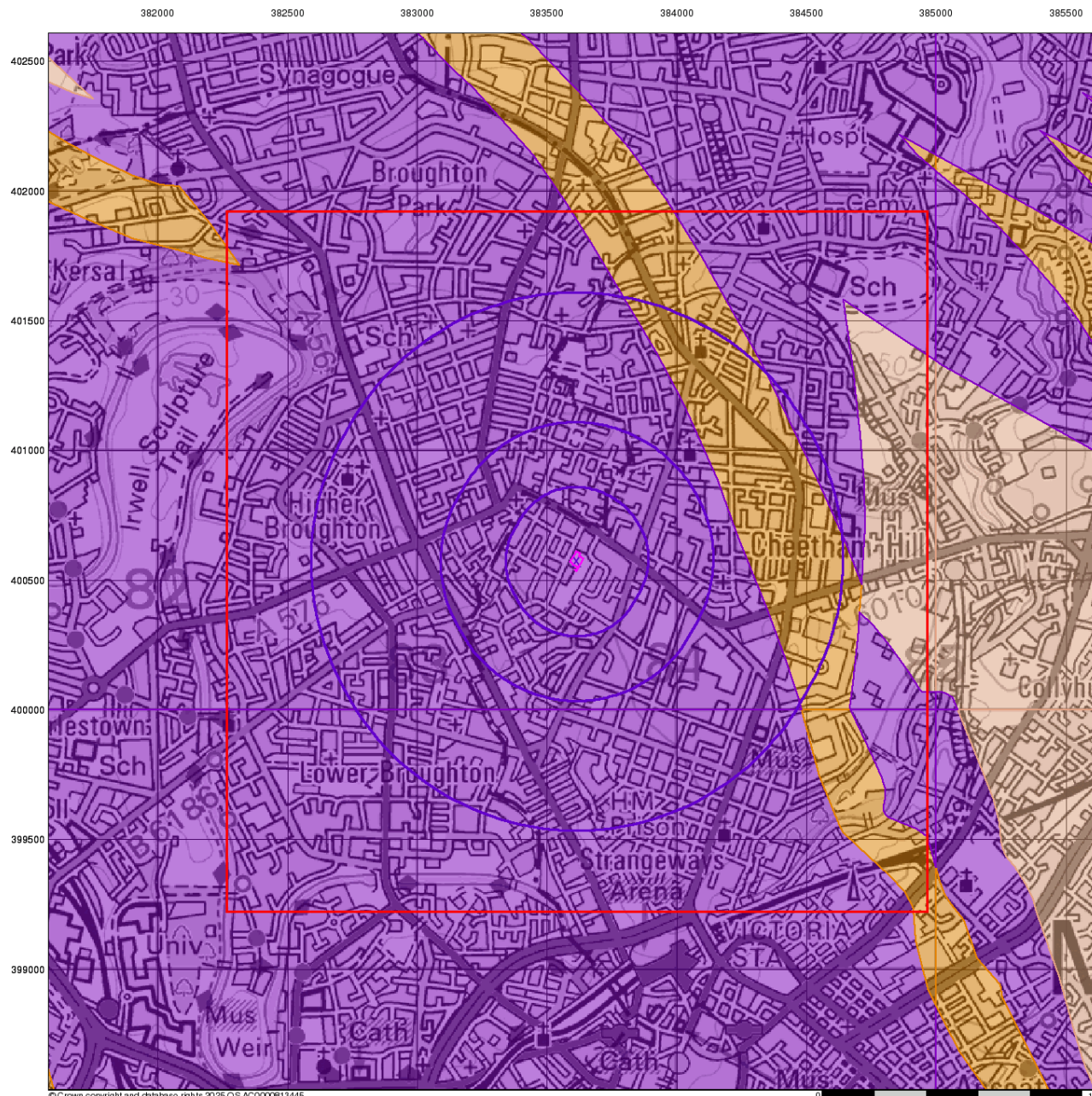


Order Details

Order Number: 375553210_1_1
 Customer Ref: STX7023
 National Grid Reference: 383620, 400570
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

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0 1 km

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Bedrock Aquifer Designation

General

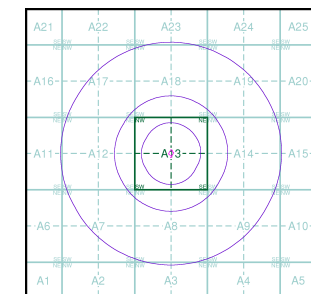
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

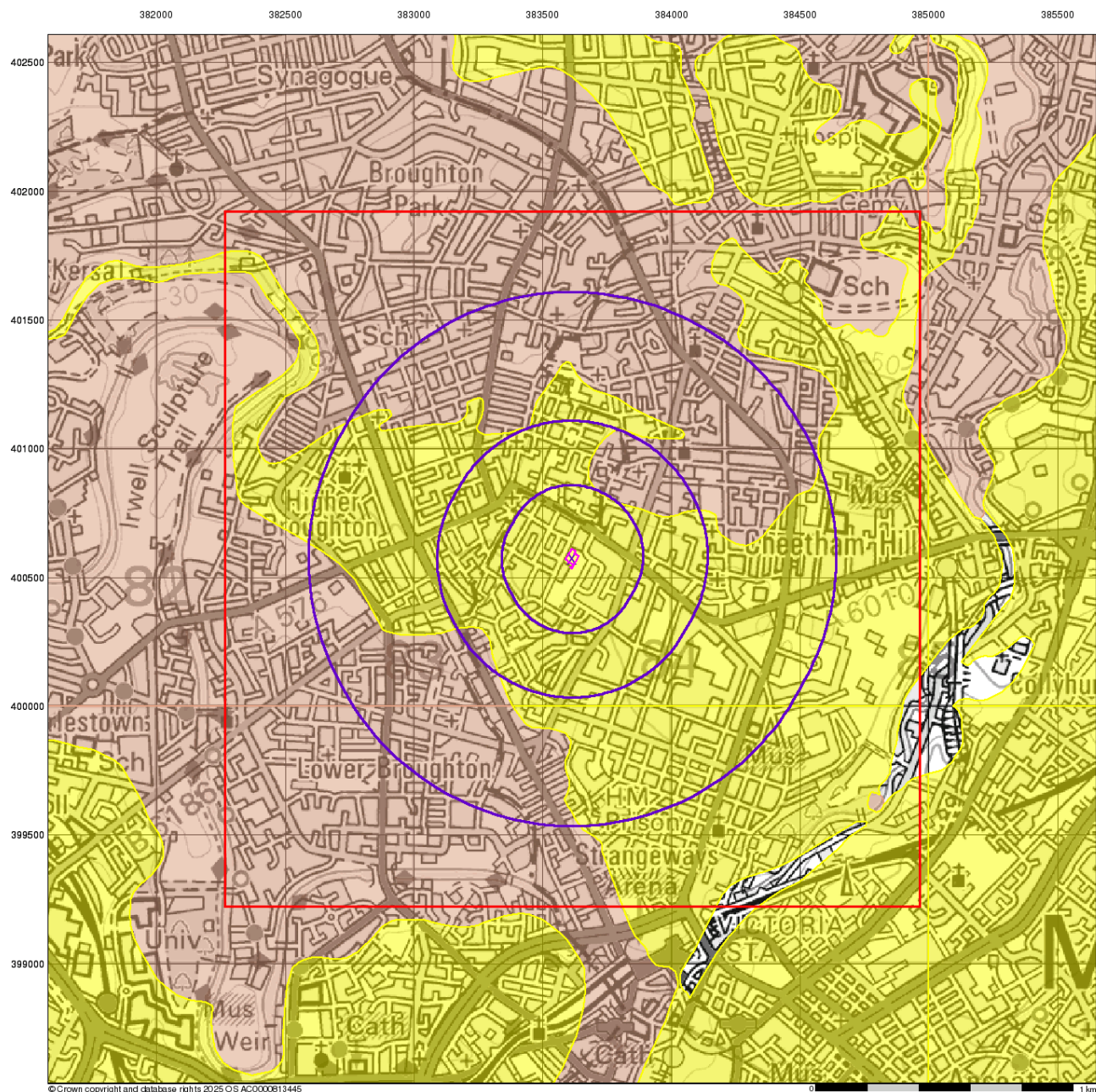
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Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

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Web: www.envirocheck.co.uk



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0 1 km

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Superficial Aquifer Designation

General

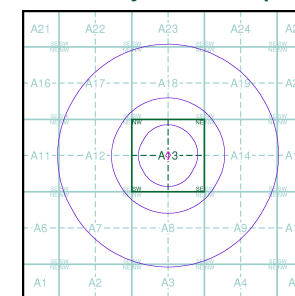
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

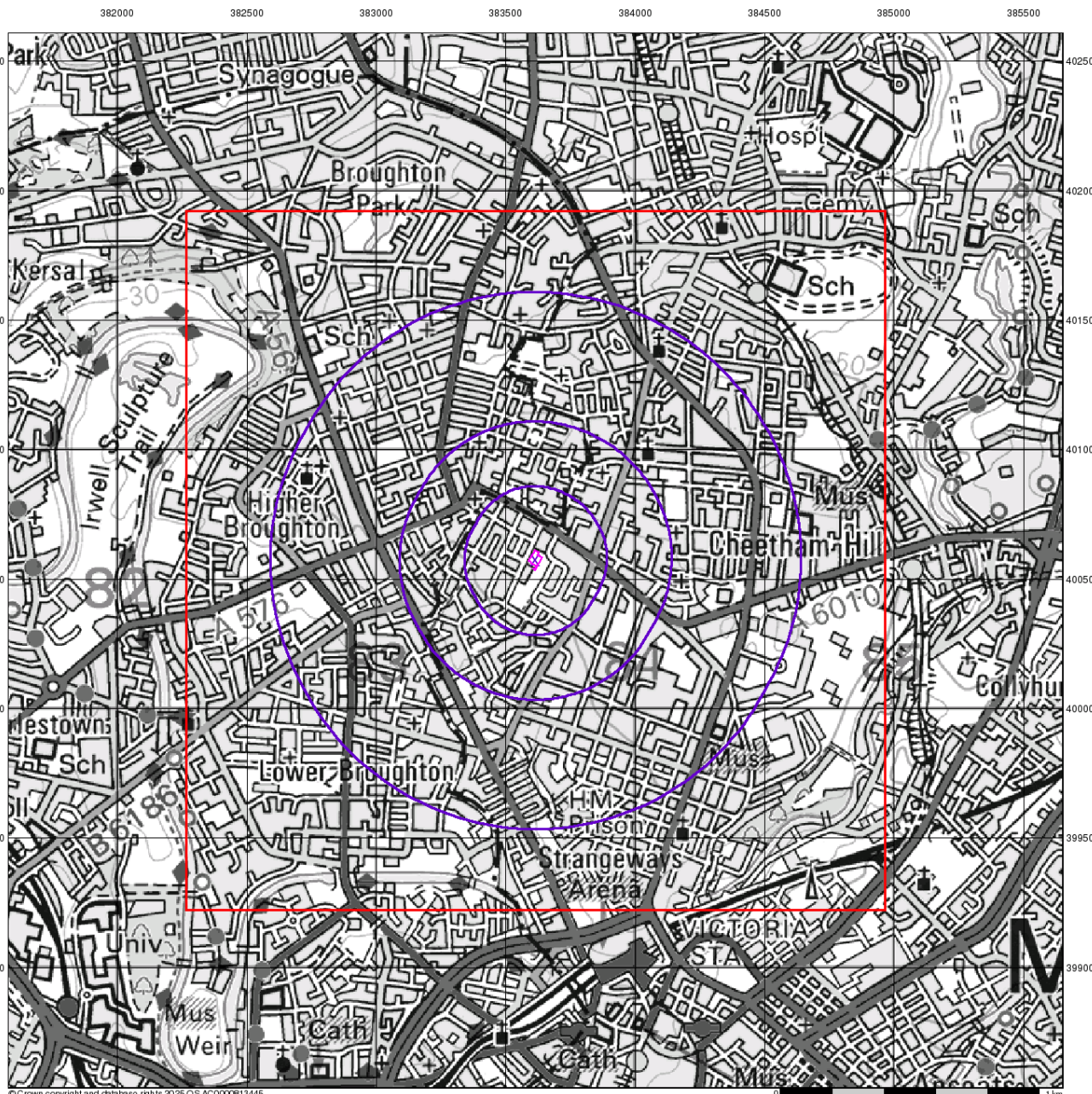
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 National Grid Reference: 383620, 400570
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

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Source Protection Zones

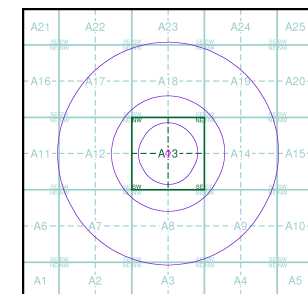
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- 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)

Site Sensitivity Context Map - Slice A

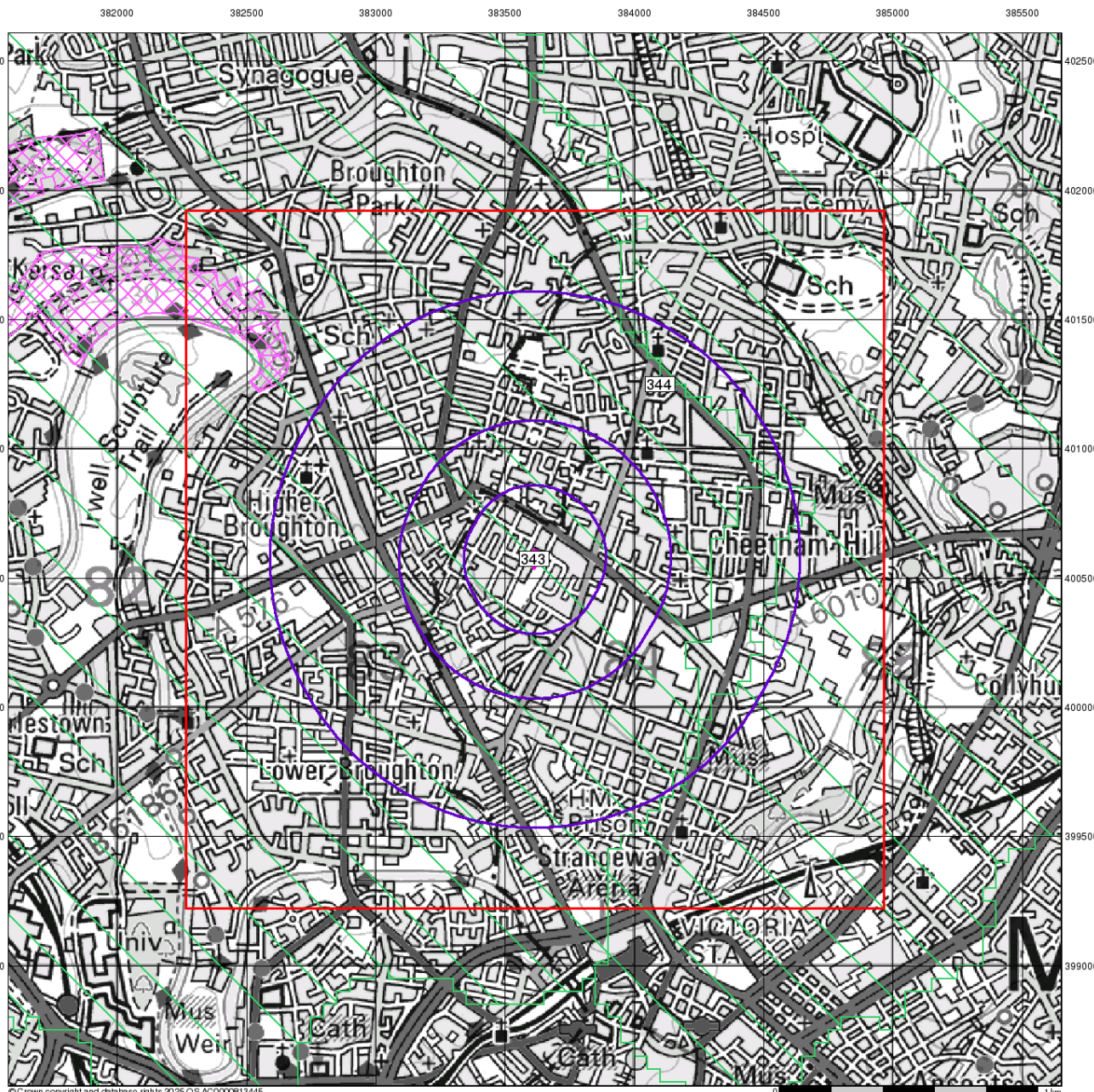


Order Details

Order Number: 375553210_1_1
 Customer Ref: STX7023
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 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

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Sensitive Land Uses

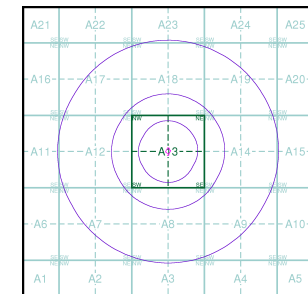
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

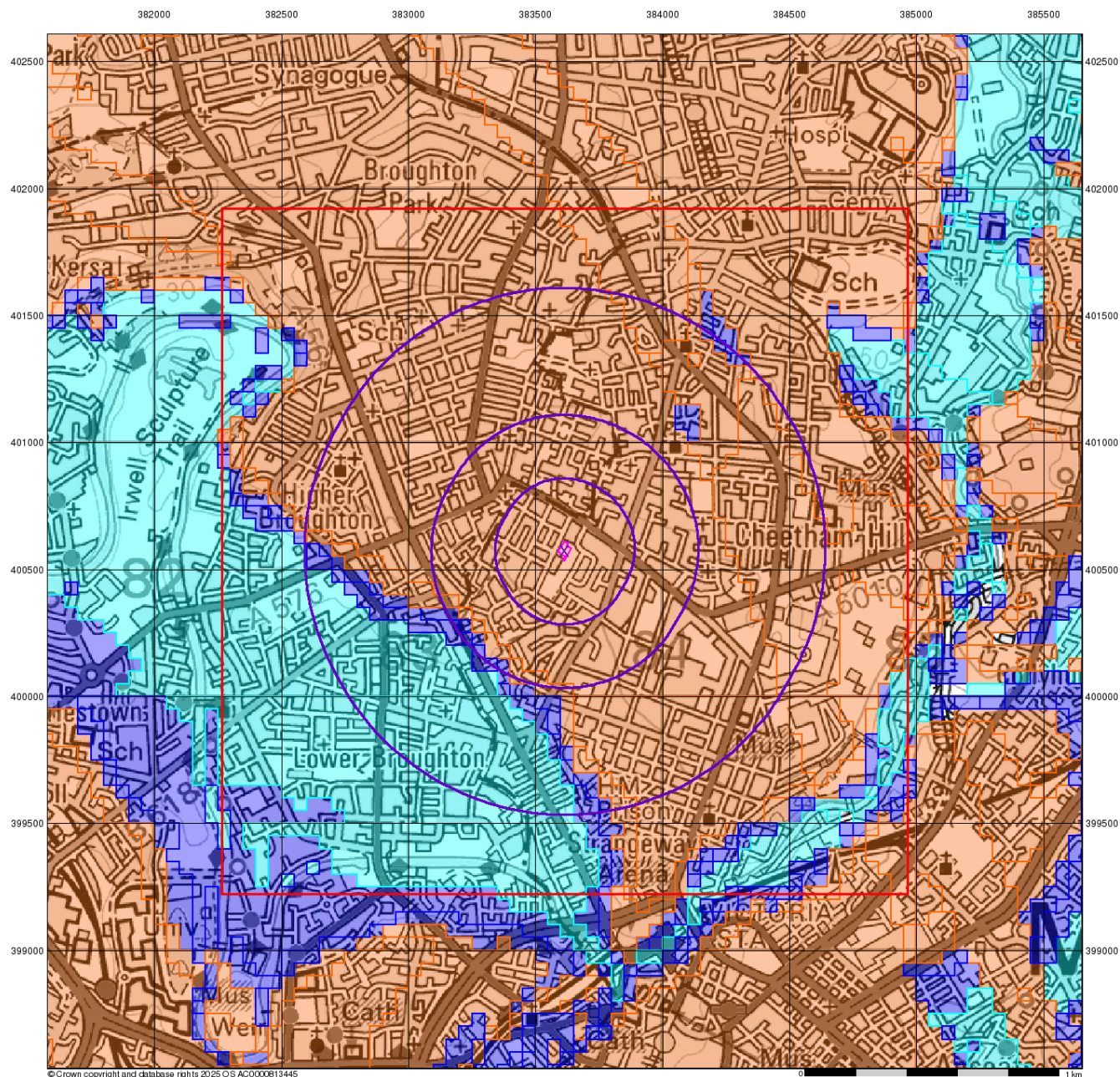
Order Number: 37553210_1_1
 Customer Ref: STX7023
 National Grid Reference: 383620, 400570
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

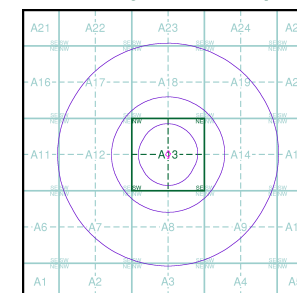
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 375553210_1_1
 Customer Ref: STX7023
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 Slice: A
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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	HTS	Holt Town Sandstone Bed	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	GML	Great Mine Limestone	Limestone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	WDR	Worsley Delf Rock	Sandstone	Not Supplied - Westphalian
	NHSS	Newton Heath Sandstone	Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	ETM	Etruria Formation	Sandstone and Mudstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

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Geology 1:50,000 Maps

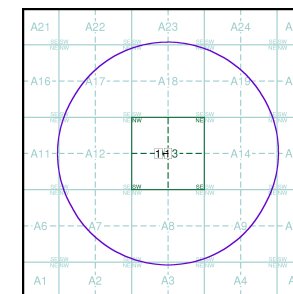
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 085
Map Name: Manchester
Map Date: 2010
Bedrock Geology: Available
Superficial Geology: Not Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

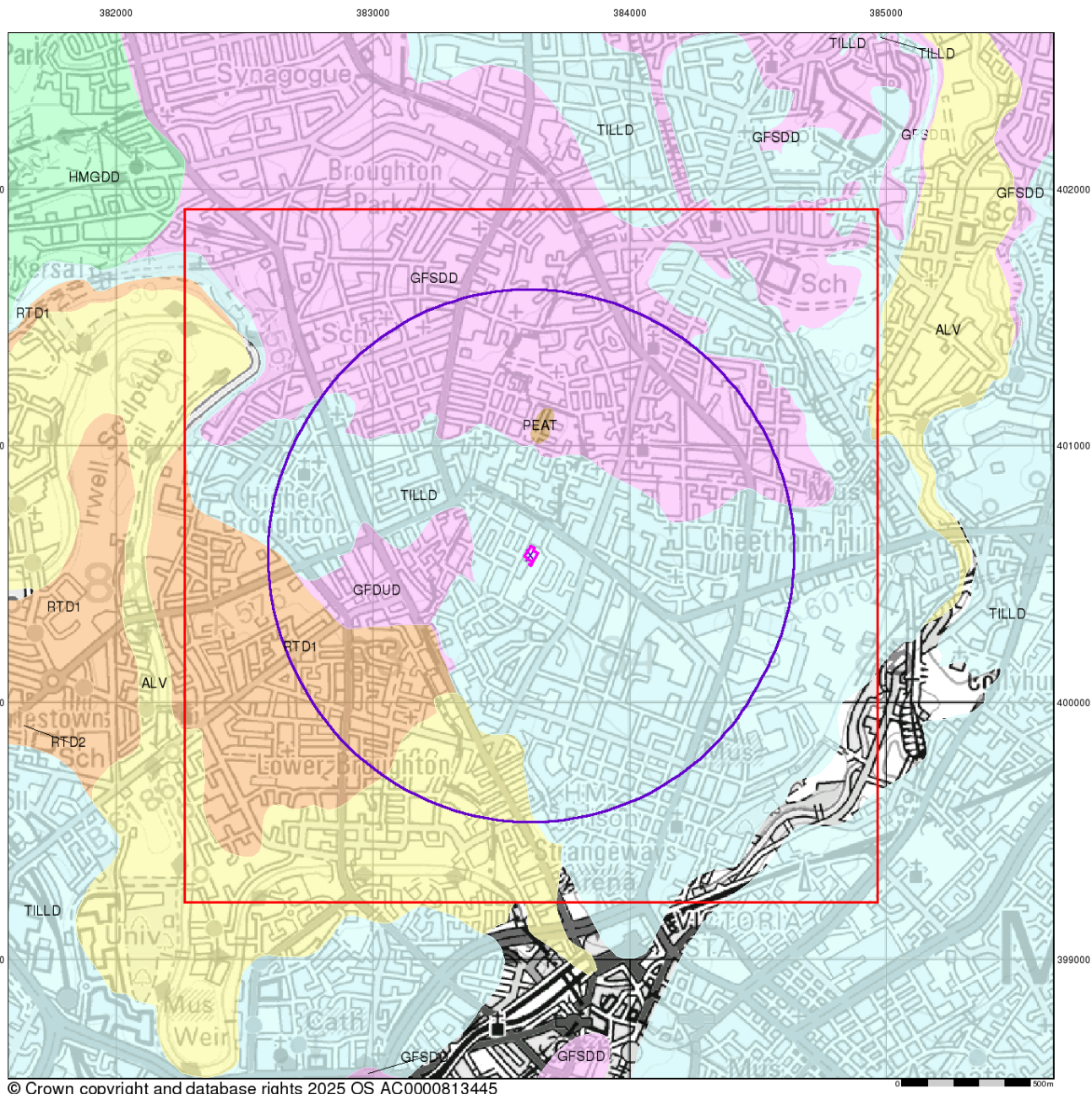
Order Number: 375553210_1_1
Customer Reference: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

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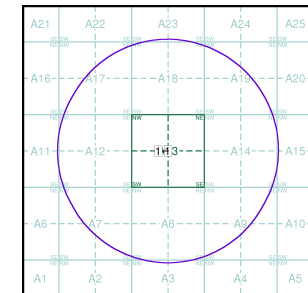
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

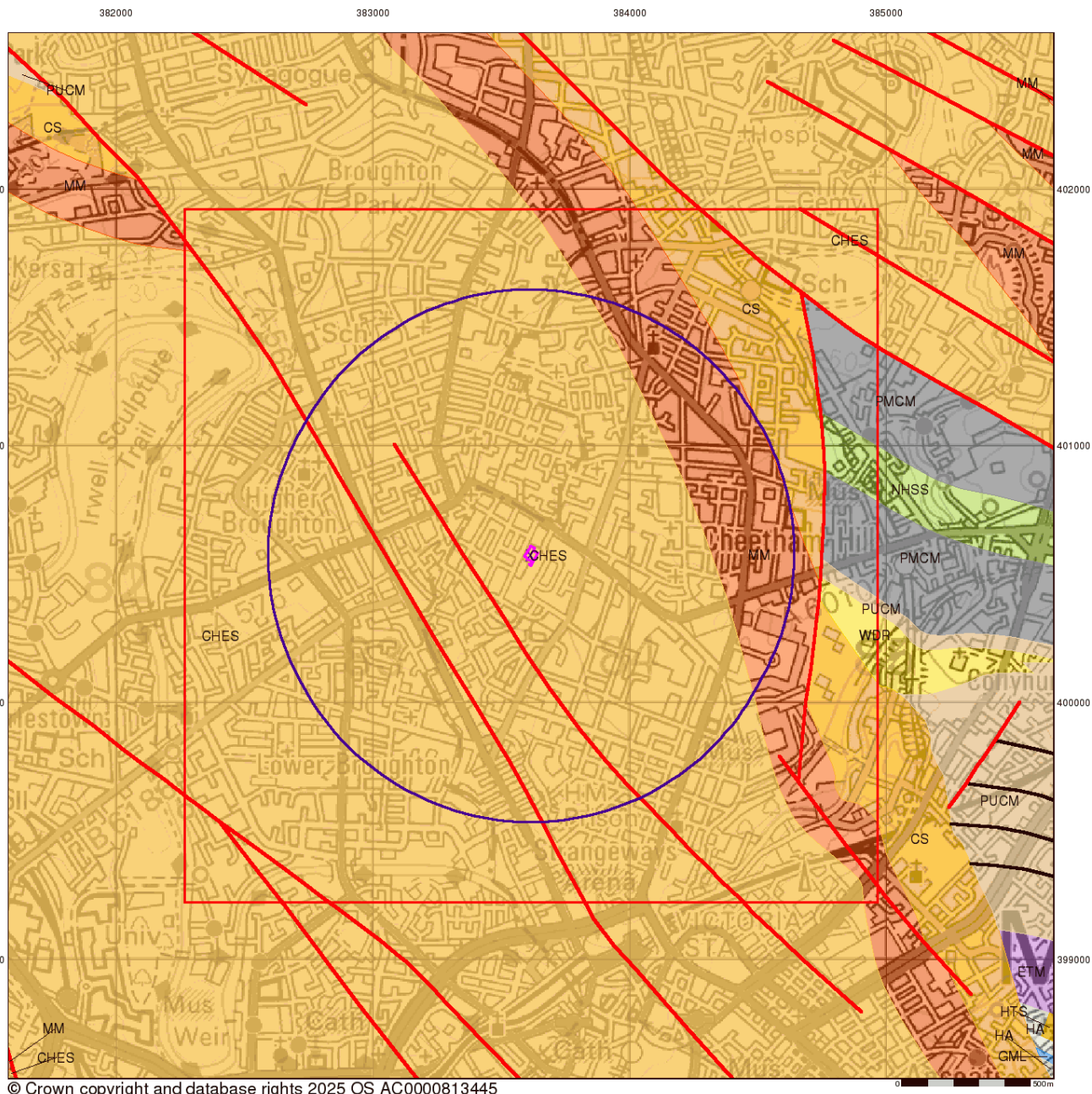
Order Number: 375553210_1_1
 Customer Reference: STX7023
 National Grid Reference: 383620, 400570
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details:

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

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Bedrock and Faults

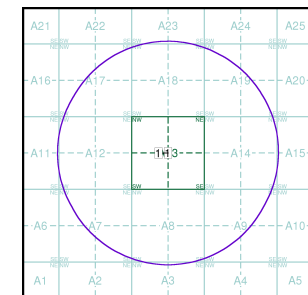
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 375553210_1_1
Customer Reference: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

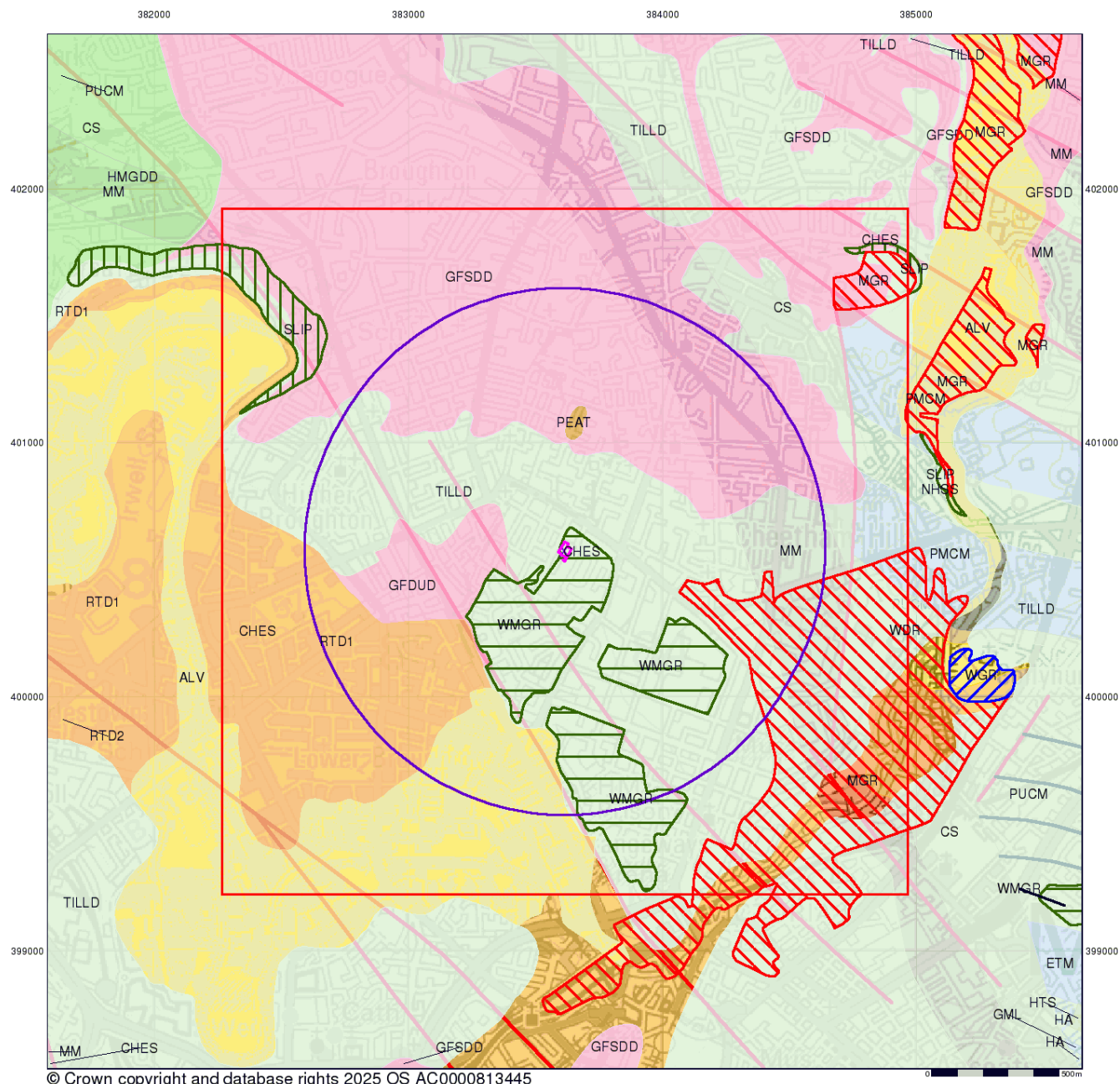
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

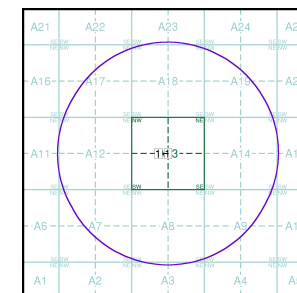
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 375553210_1_1
Customer Reference: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
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Web: www.envirocheck.co.uk

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Page 5 of 5

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Osiers
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock

Cutting

Embankment

Railway crossing Road

Level Crossing

Road crossing Railway

Railway crossing River or Canal

Road over single stream

Road over River or Canal

<i>B.P.B.S.</i>	Boundary Post or Stone	<i>P.C.B.</i>	Police Call Box
<i>B.R.</i>	Bridle Road	<i>P.</i>	Pump
<i>E.P.</i>	Electricity Pylon	<i>S.P.</i>	Signal Post
<i>F.B.</i>	Foot Bridge	<i>Sl.</i>	Sluice
<i>F.P.</i>	Foot Path	<i>Sp.</i>	Spring
<i>G.P.</i>	Guide Post or Board	<i>T.C.B.</i>	Telephone Call Box
<i>M.S.</i>	Mile Stone	<i>Tr.</i>	Trough
<i>M.P.M.R.</i>	Mooring Post or Ring	<i>W.</i>	Well

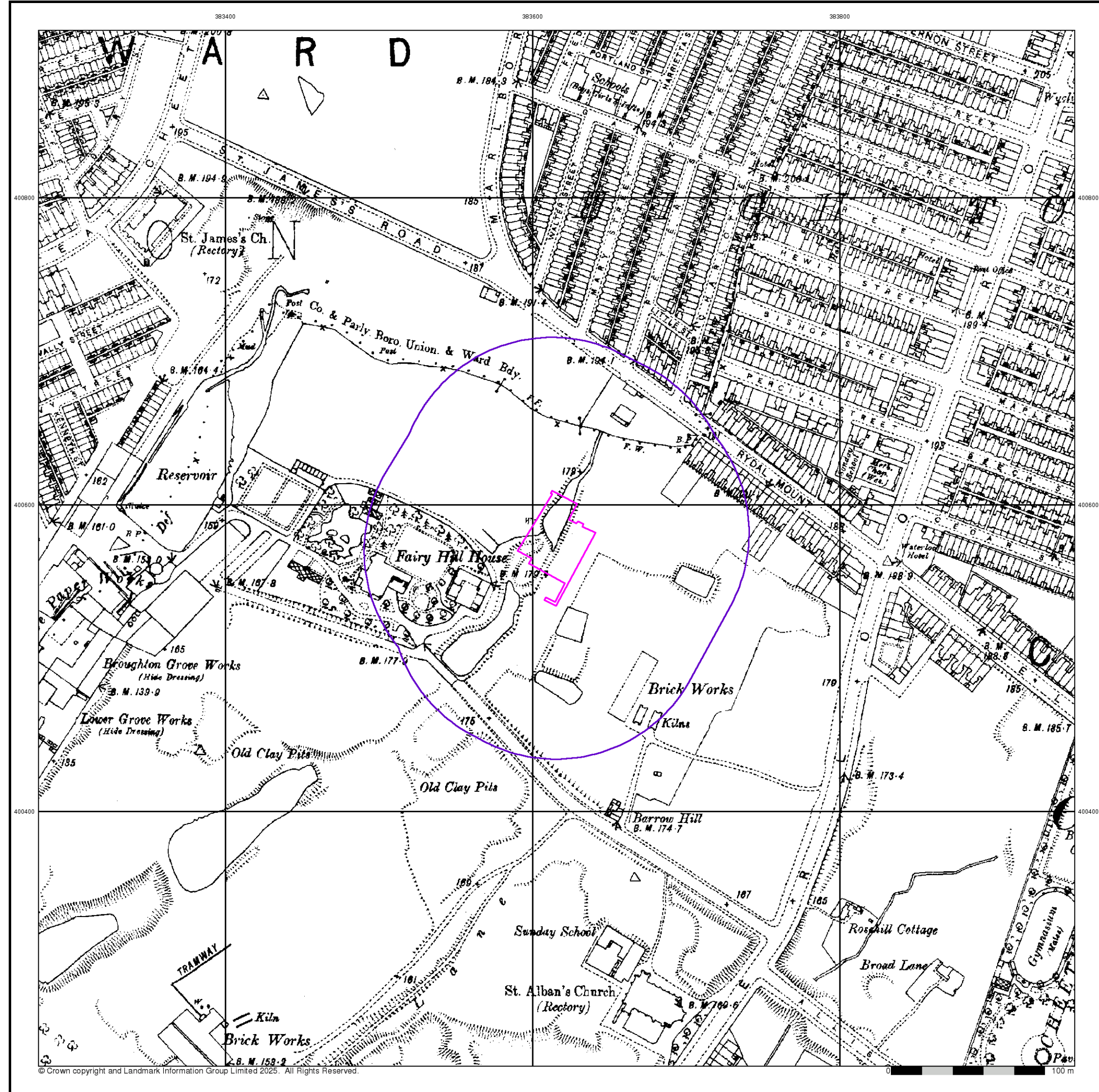
	or		Active Quarry, Chalk Pit or Clay Pit
			Boulders
			Slopes
Cliff		Top	Top
			Glazed Roof Building
			Archway
Top			
Sloping Masonry			
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)

<u> </u> <u>ETL</u> <u> </u>	Electricity Transmission Line
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
	Admin. County or County Bor. Boundary
	London Borough Boundary
	Symbol marking point where boundary mereing changes

	Cliff		Slopes
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Positioned Boulder		Scree
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Osier		Bracken
	Rough Ground		Reeds
	Heath		Marsh, Saltings
	Culvert		

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governor	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

A Landmark Information Group Service v50.0 29-Apr-2025 Page 1 of 18



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Lancashire And Furness

Published 1893

Source map scale - 1:2,500

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Map Name(s) and Date(s)

104_02

1893

1:2,500

Historical Map - Segment A13

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

N

Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

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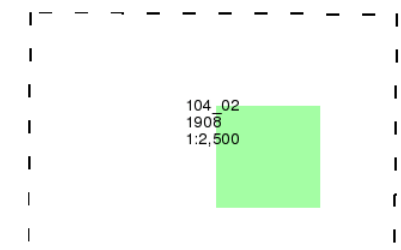
Lancashire And Furness

Published 1908

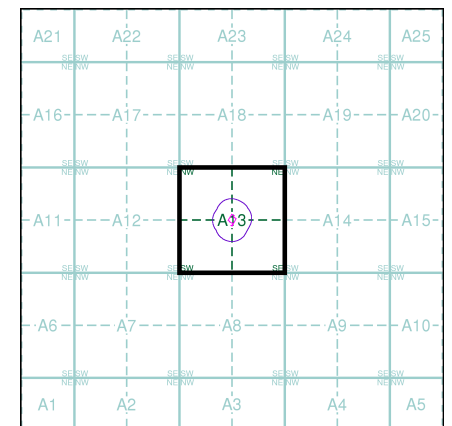
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were 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

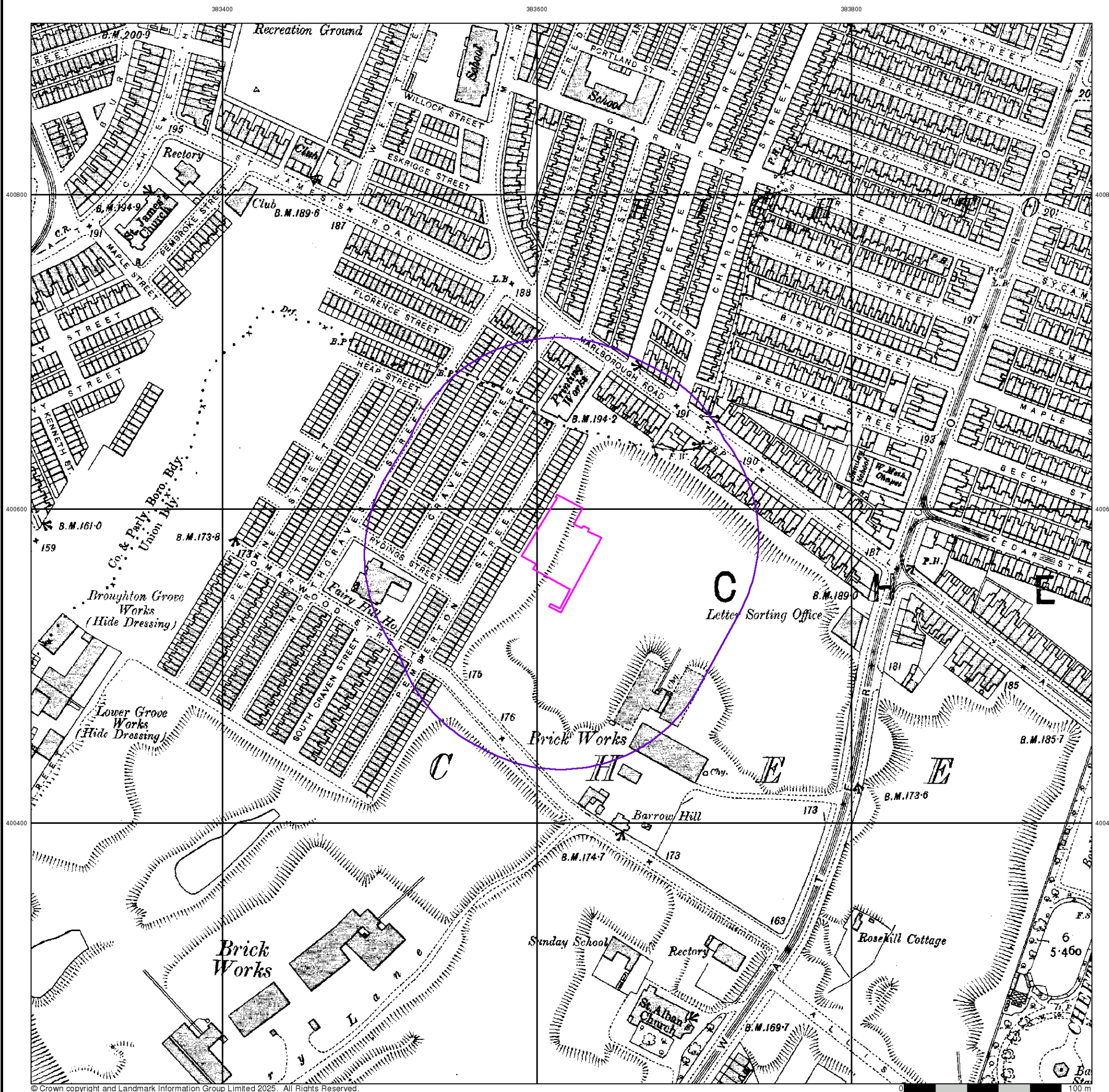


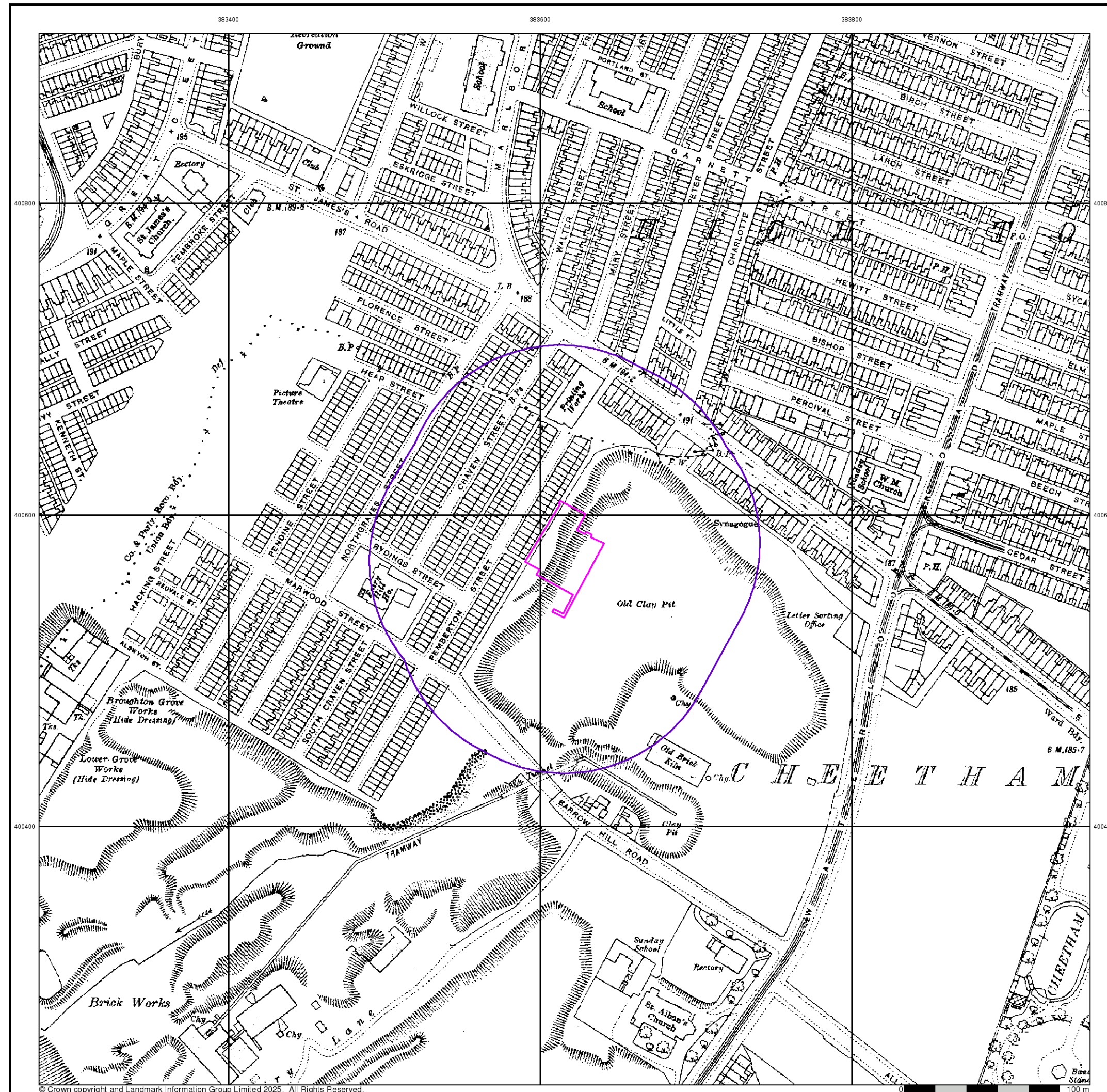
Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Unity Community Primary School, 41, Allesley Drive,
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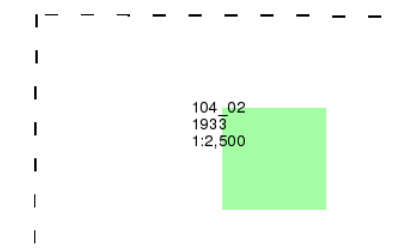
Lancashire And Furness

Published 1933

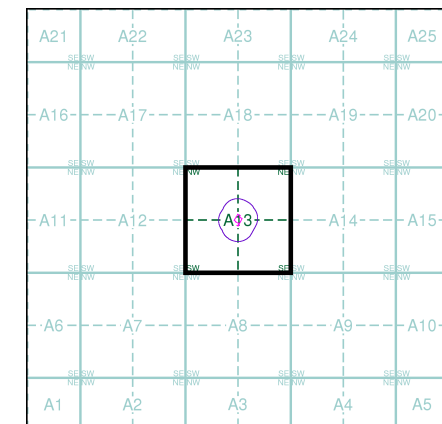
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were 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

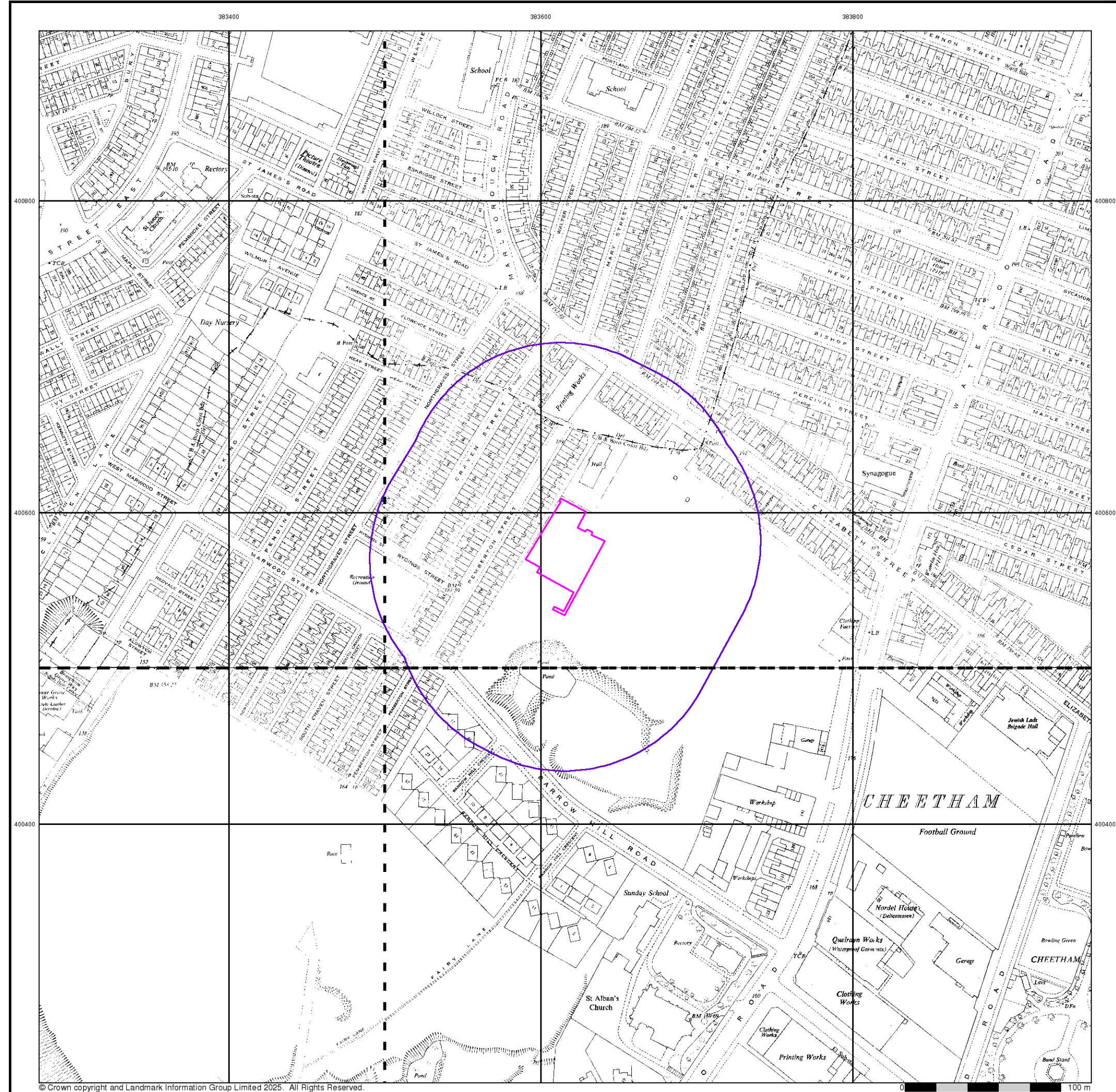
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Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

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Ordnance Survey Plan

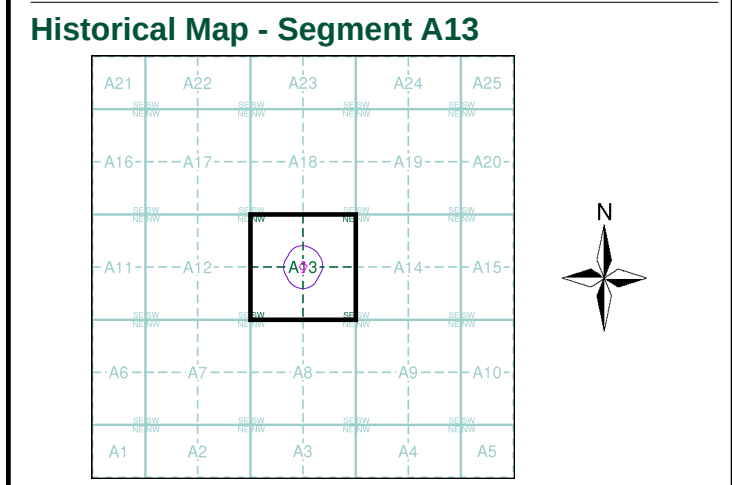
Published 1952

Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were 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)

SD8300NW	SD8300NE
1952	1952
1:1,250	1:1,250
SD8300SW	SD8300SE
1952	1952
1:1,250	1:1,250



Order Details

Order Number: 375553210_1_1

Customer Ref: STX7023

National Grid Reference: 383620, 400570

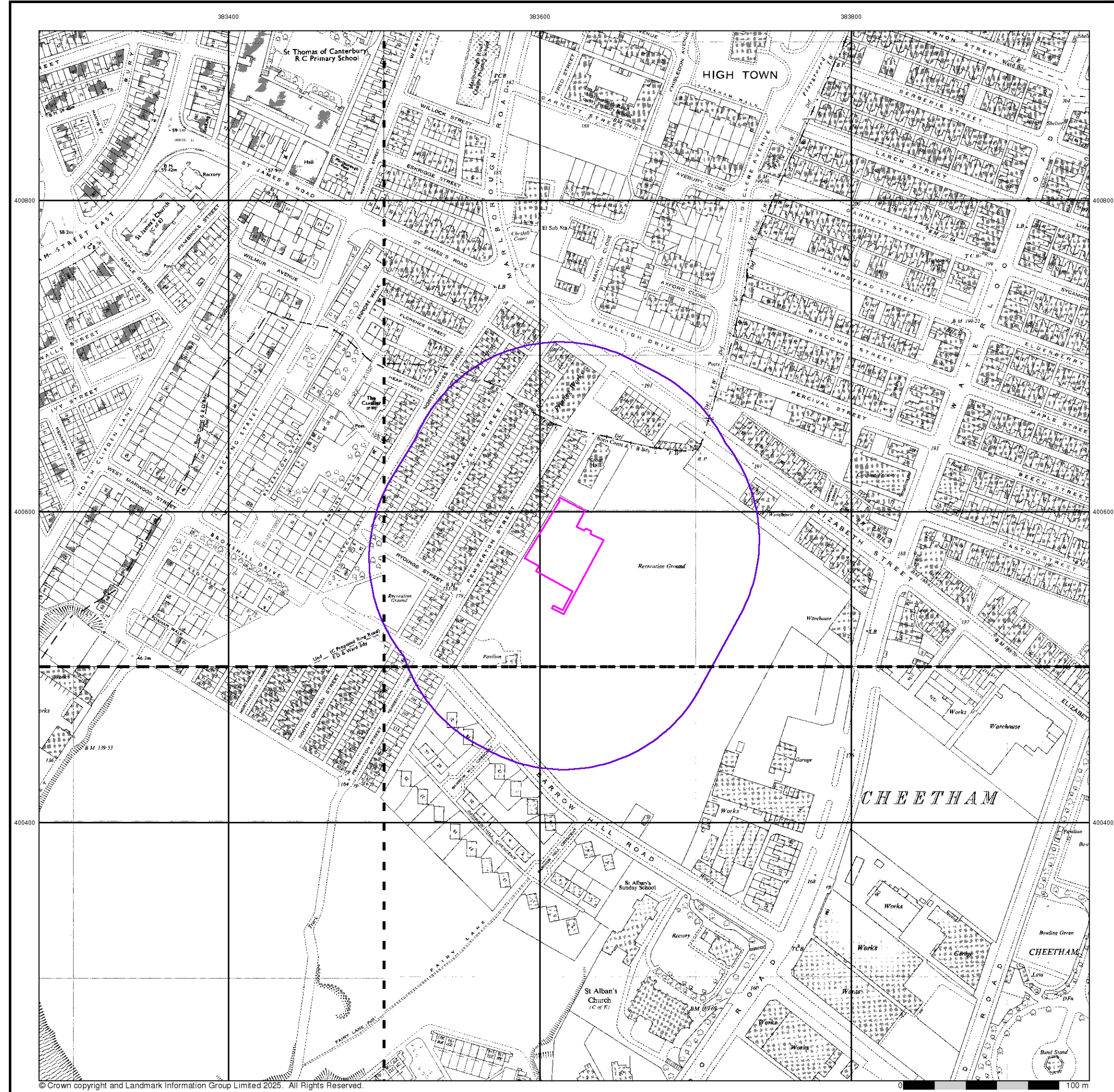
Slice: A

Site Area (Ha): 0.17

Search Buffer (m): 100

Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE



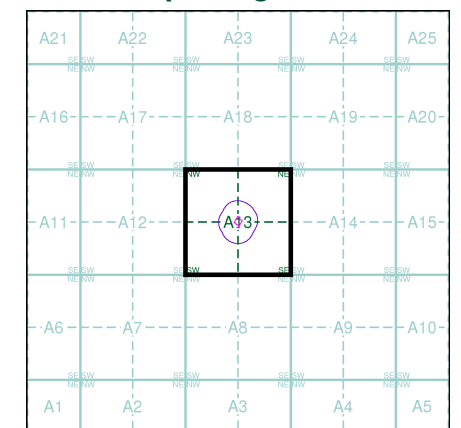
Ordnance Survey Plan
Published 1958 - 1975
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were 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)

SD8300NW 1975 1:1,250	SD8300NE 1968 1:1,250
SD8300SW 1964 1:1,250	SD8300SE 1958 1:1,250

Historical Map - Segment A13

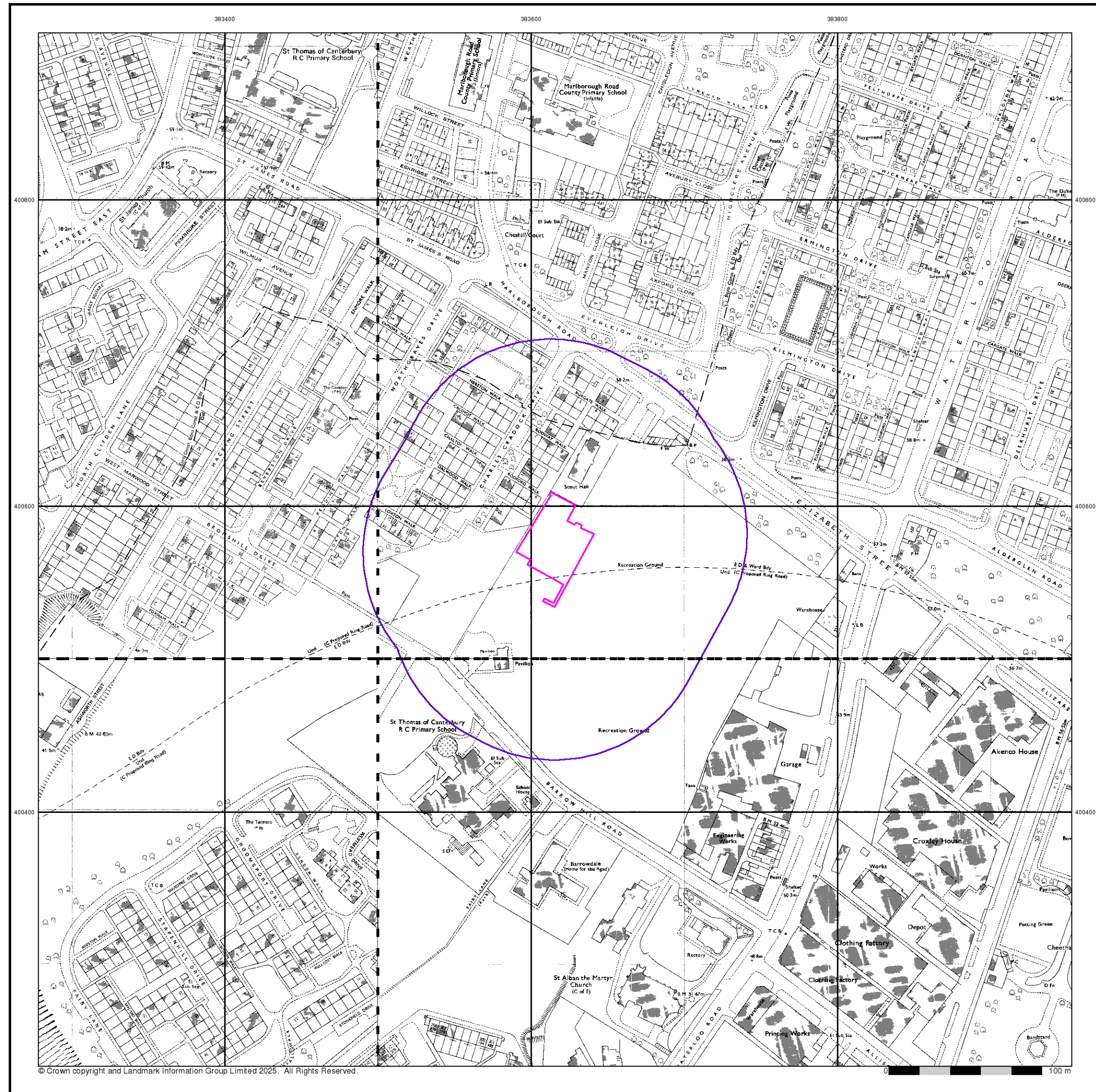


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



Ordnance Survey Plan

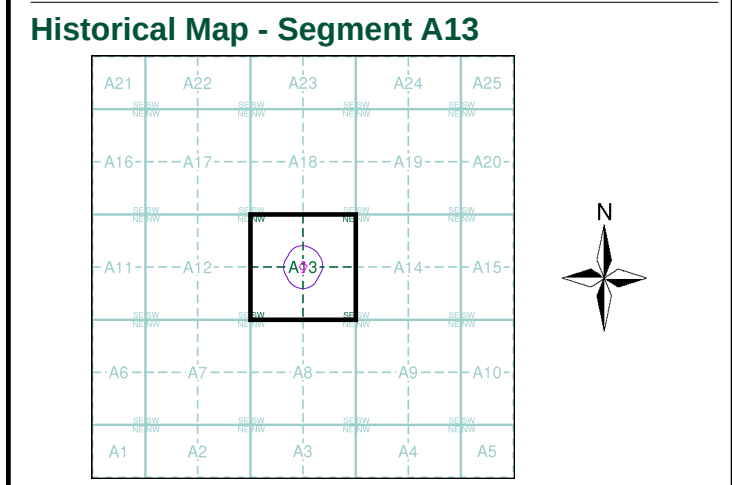
Published 1973 - 1984

Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were 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)

SD8300NW 1984 1:1,250	SD8300NE 1975 1:1,250
SD8300SW 1984 1:1,250	SD8300SE 1973 1:1,250



Order Details

Order Number: 375553210_1_1

Customer Ref: STX7023

National Grid Reference: 383620, 400570

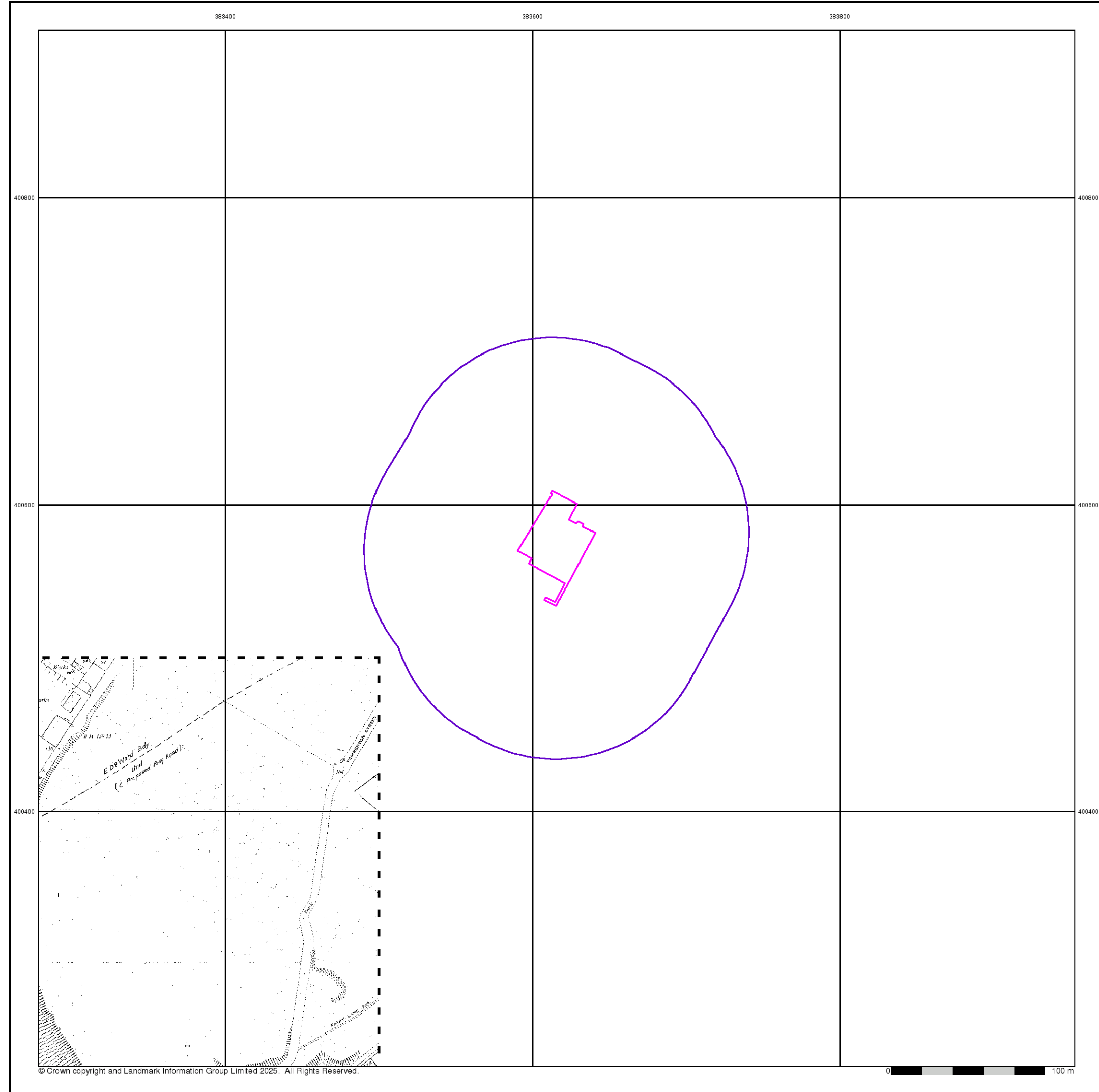
Slice: A

Site Area (Ha): 0.17

Search Buffer (m): 100

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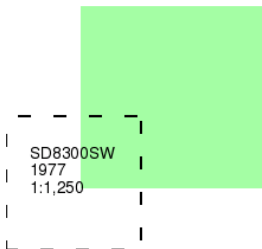
Supply of Unpublished Survey Information

Published 1977

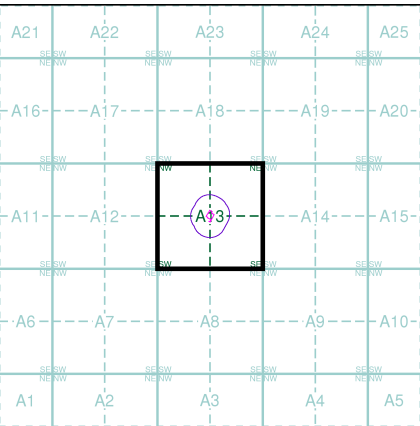
Source map scale - 1:1,250

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 as they showed updates of individual areas on a map. These maps were 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

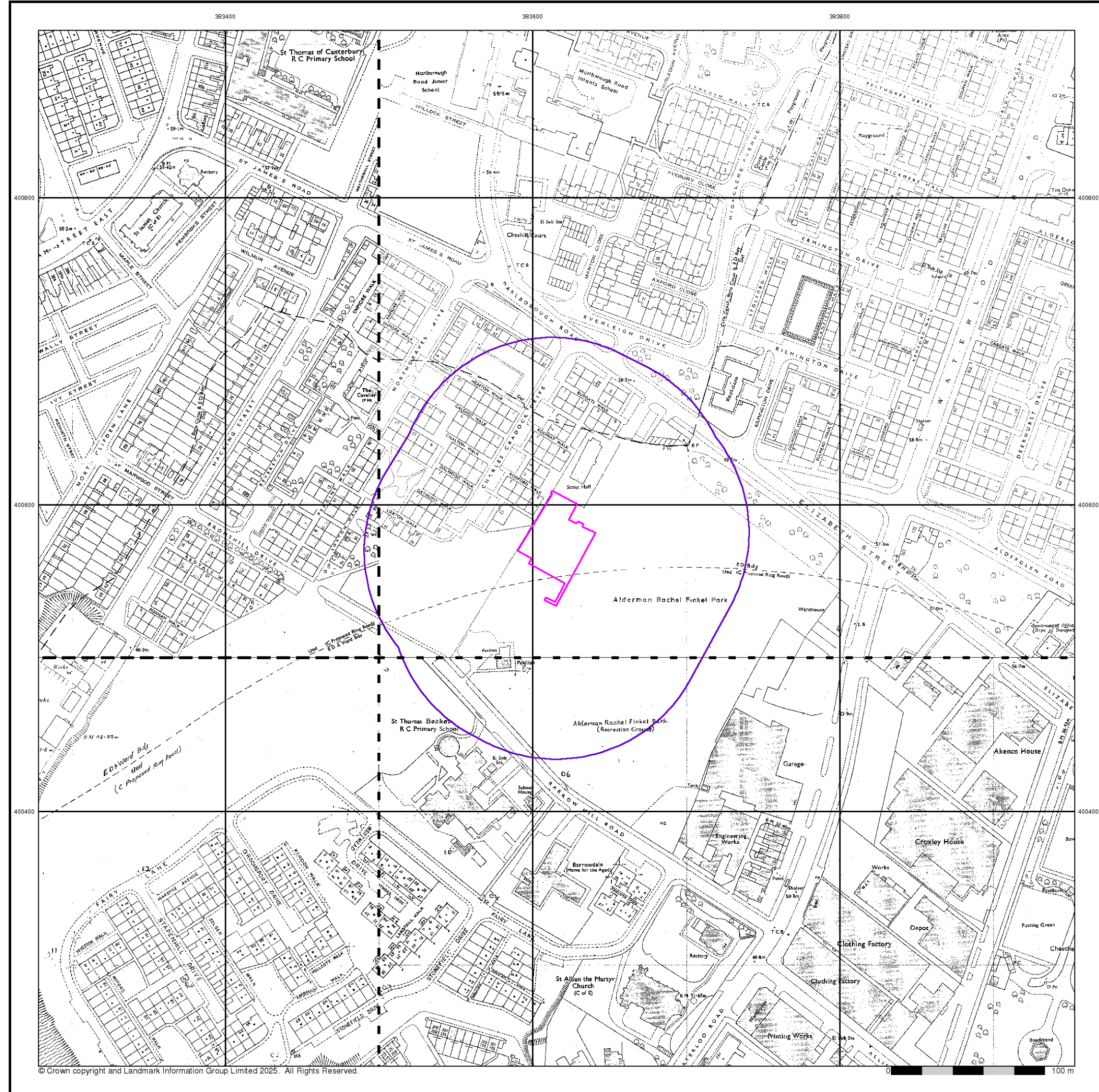


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

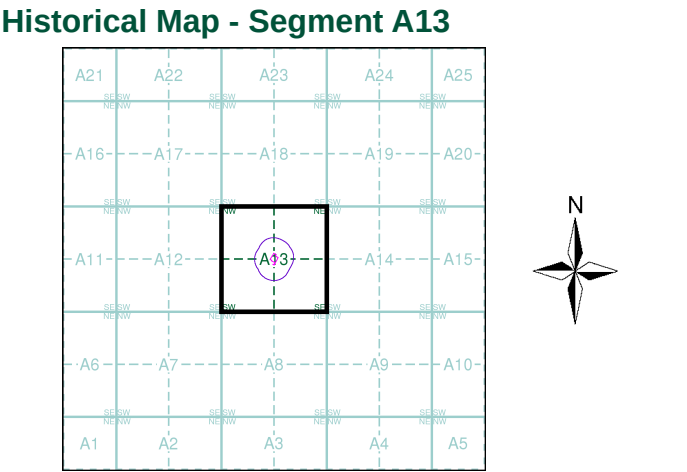
Site Details

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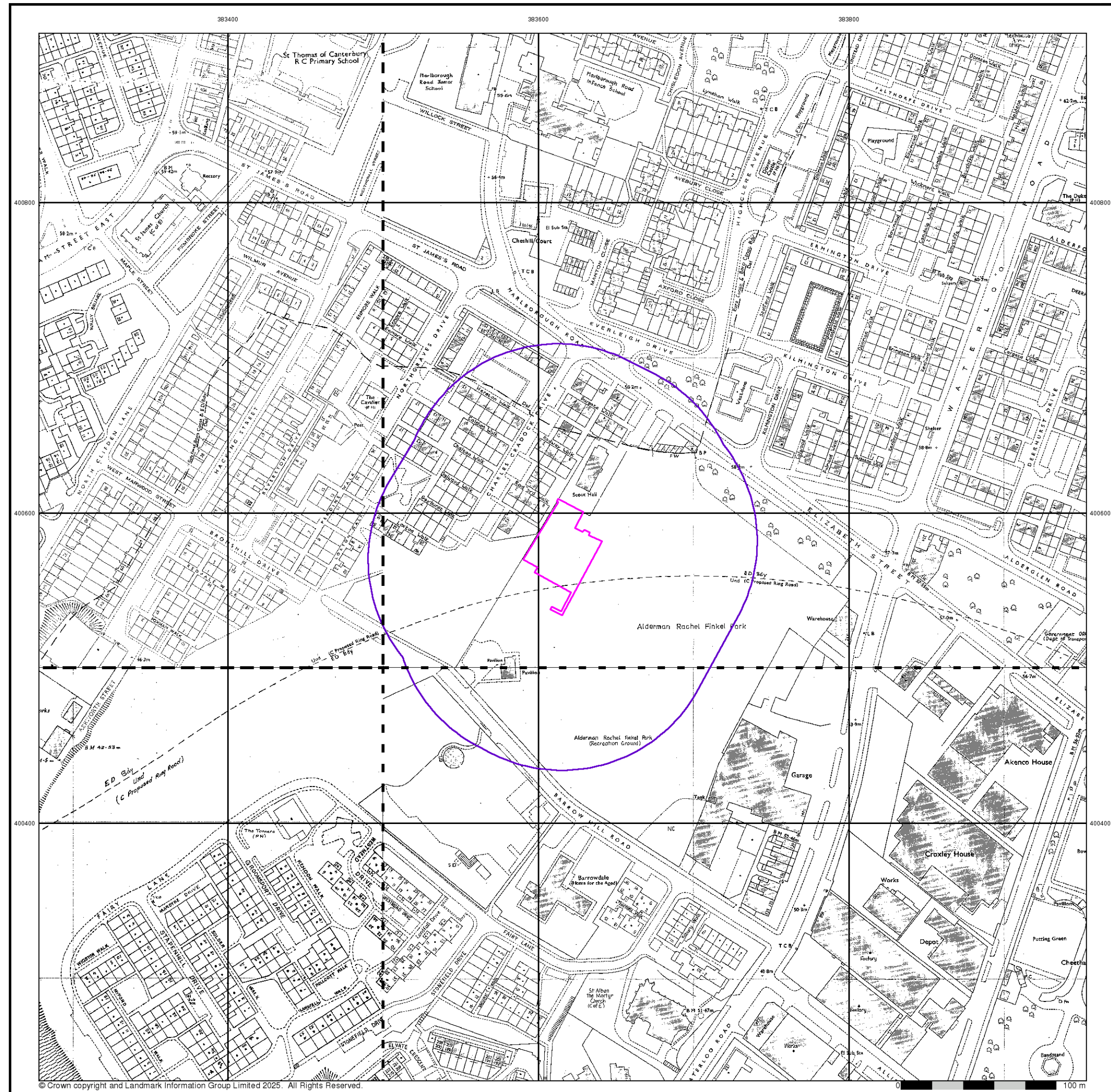
Additional SIMs
Published 1978 - 1984
Source map scale - 1:1,250
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain 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)	
SD8300NW 1979 1:1,250	SD8300NE 1984 1:1,250
SD8300SW 1978 1:1,250	SD8300SE 1978 1:1,250



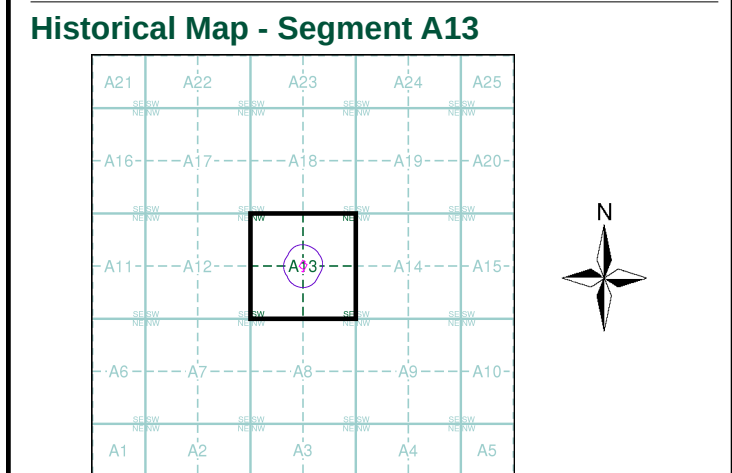
Order Details
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details
Unity Community Primary School, 41, Allesley Drive,
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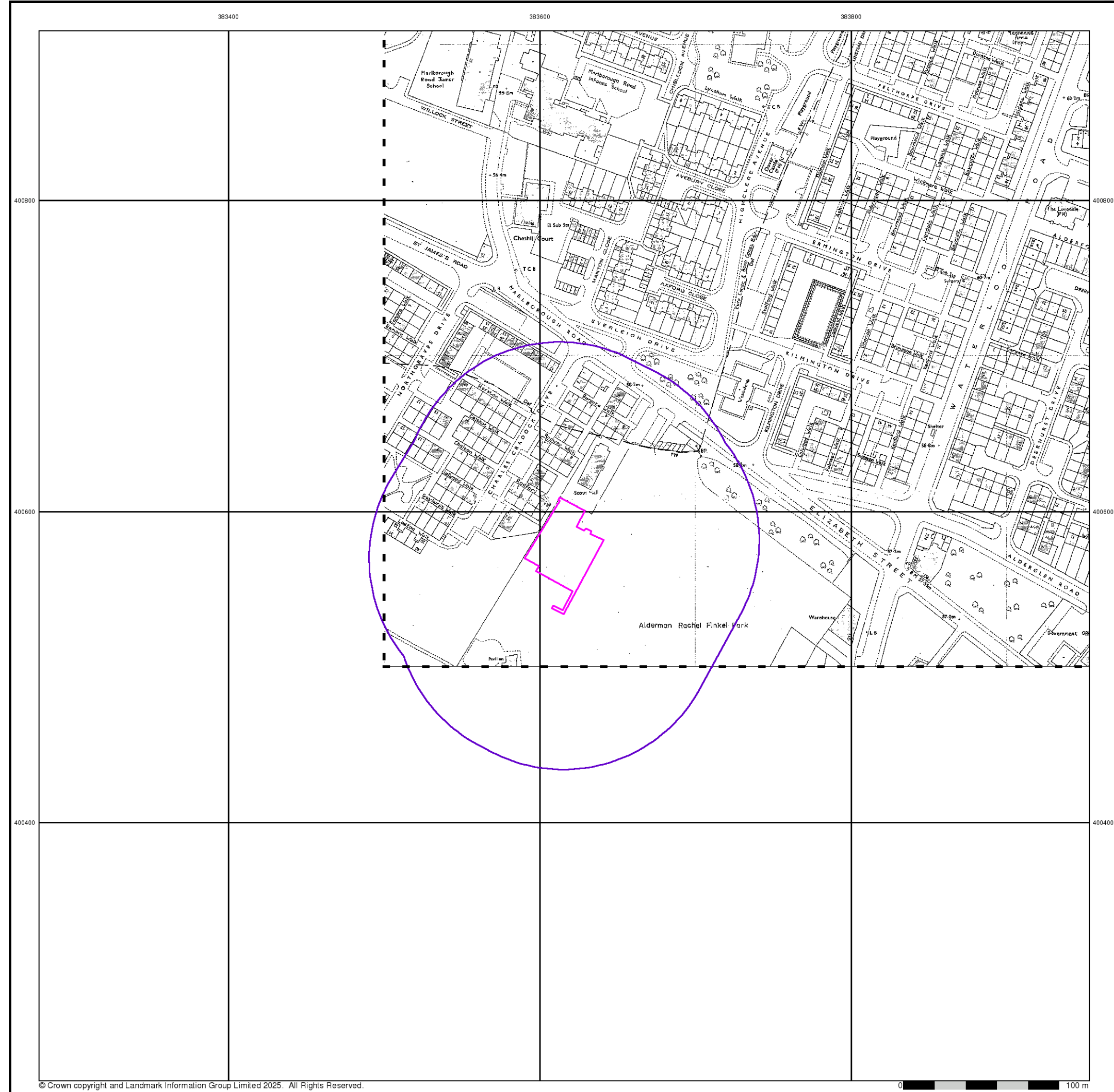
Additional SIMs
Published 1982 - 1988
Source map scale - 1:1,250
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain 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)	
SD8300NW 1982 1:1,250	SD8300NE 1988 1:1,250
SD8300SW 1983 1:1,250	SD8300SE 1988 1:1,250



Order Details
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

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Additional SIMs

Published 1988

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 between the main editions as an area was updated. They date 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)

SD8300NE

1988

1:1,250

Historical Map - Segment A13

A21

A22

A23

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Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

Site Details

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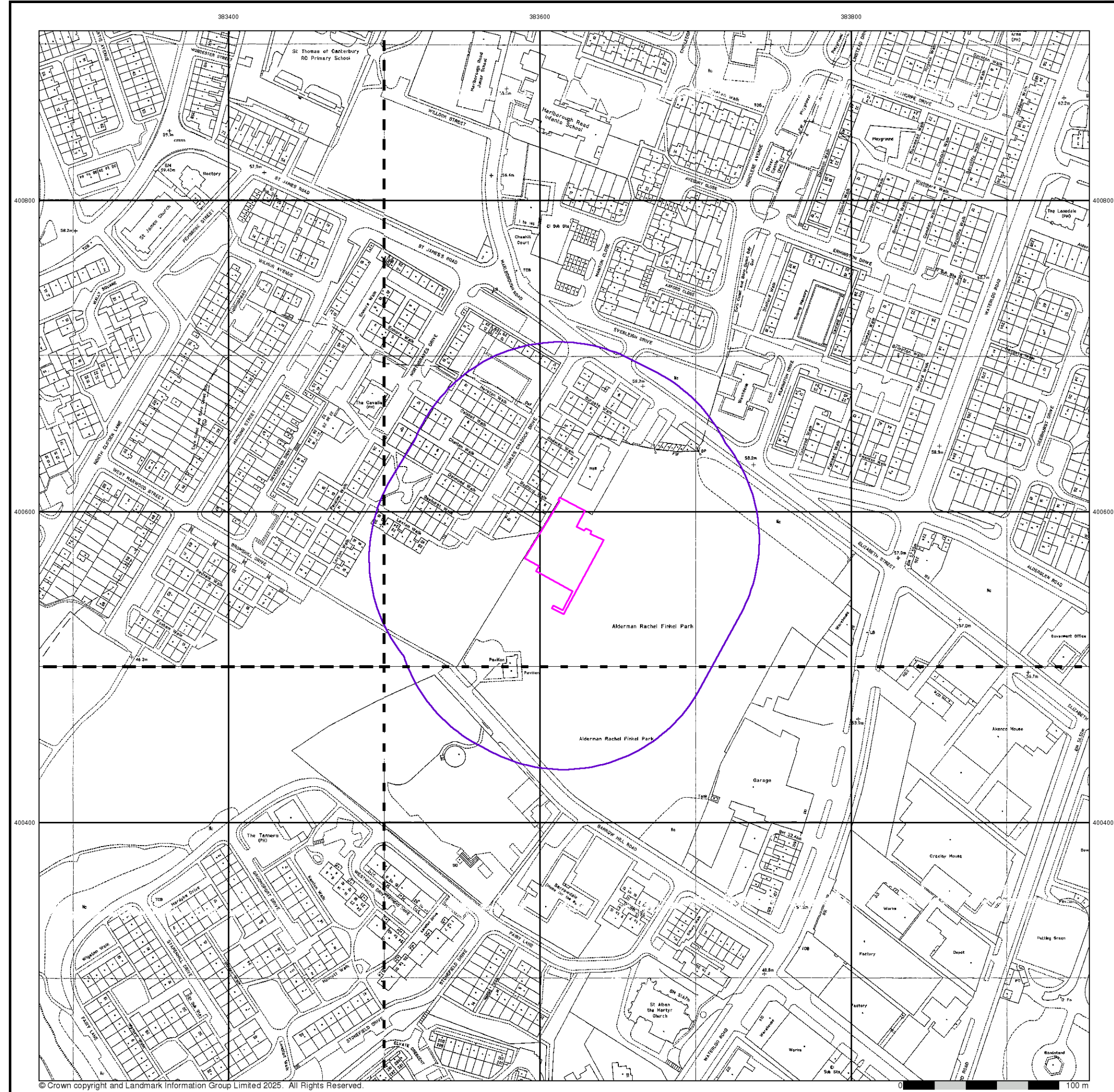
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Large-Scale National Grid Data

Published 1992

Source map scale - 1:1,250

'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 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)

SD8300NW 1992 1:1,250	SD8300NE 1992 1:1,250
SD8300SW 1992 1:1,250	SD8300SE 1992 1:1,250

Historical Map - Segment A13

Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

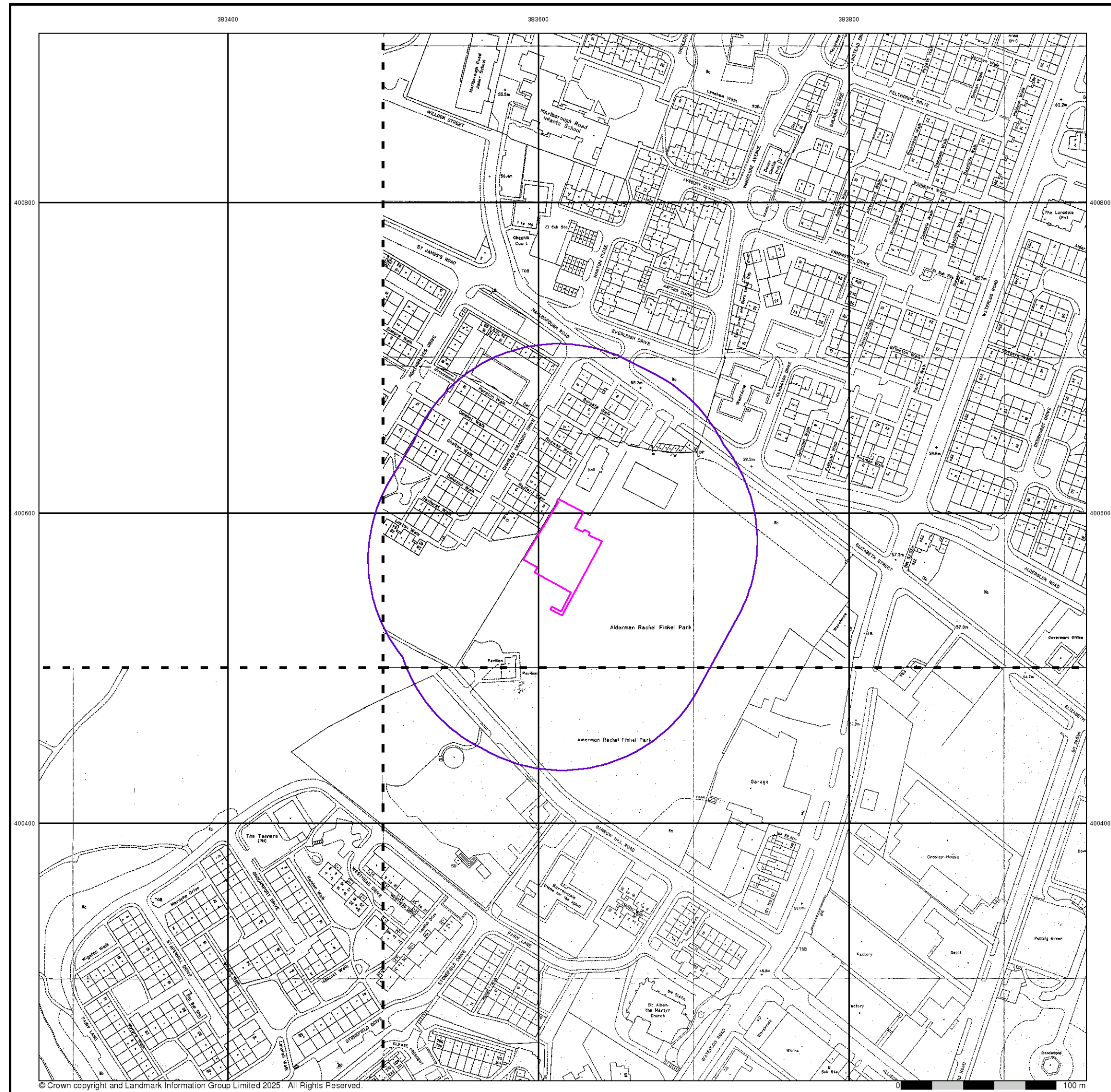
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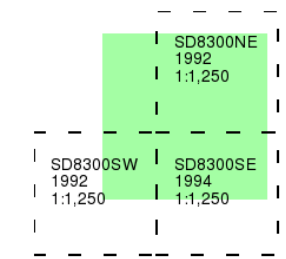
A Landmark Information Group Service v50.0 29-Apr-2025 Page 13 of 18



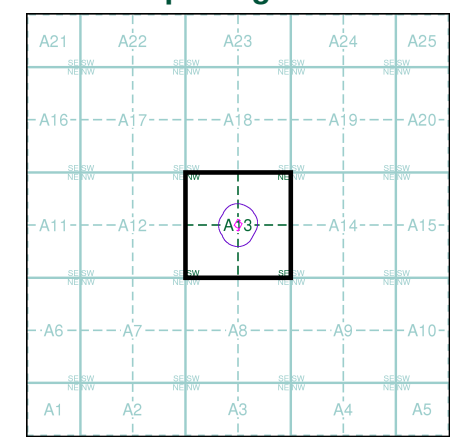
Large-Scale National Grid Data
Published 1992 - 1994
Source map scale - 1:1,250

'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 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)

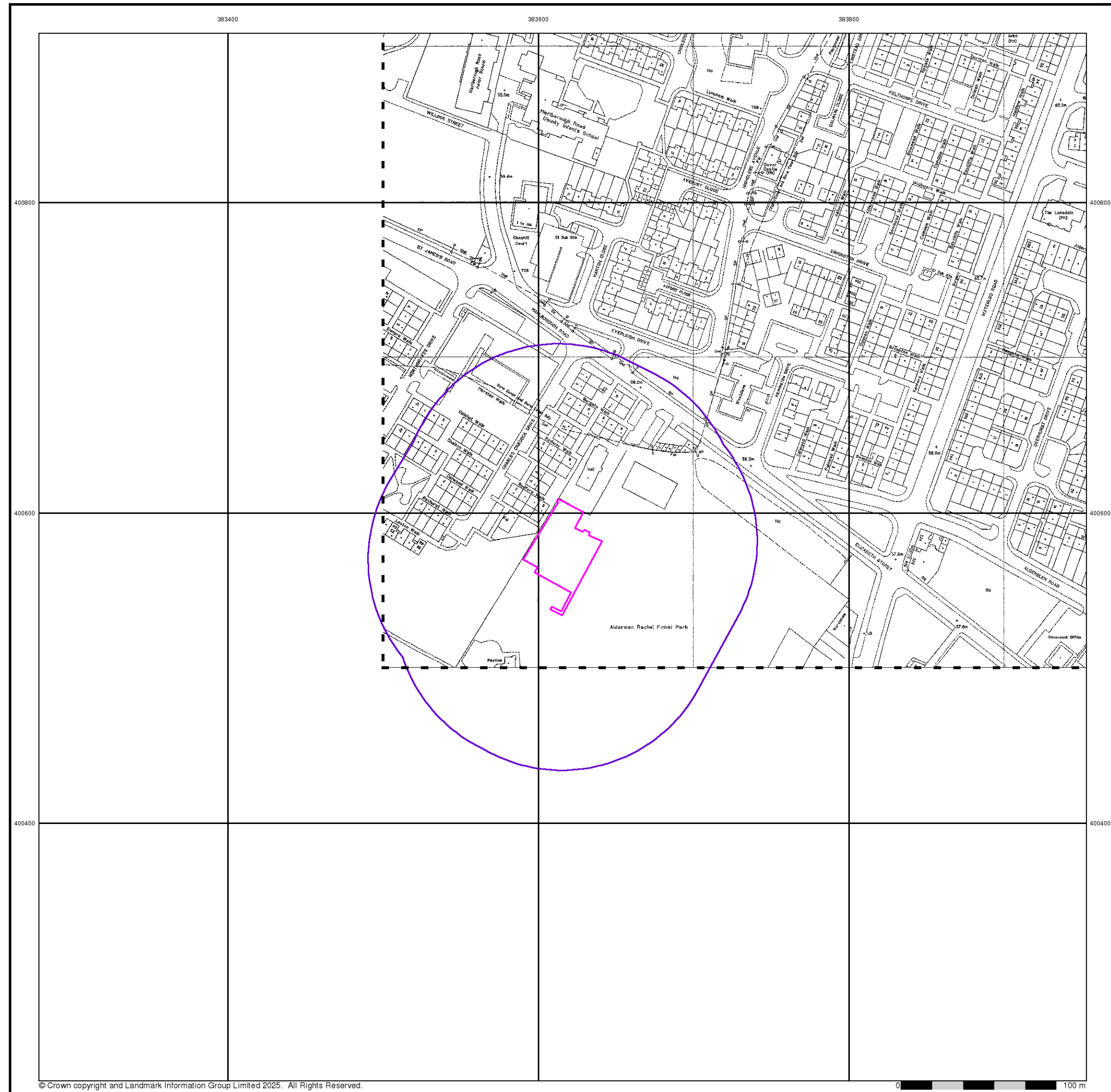


Historical Map - Segment A13



Order Details
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details
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Large-Scale National Grid Data

Published 1995

Source map scale - 1:1,250

'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 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)

SD8300NE

1995

1:1,250

Historical Map - Segment A13

A21

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Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
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Site Details

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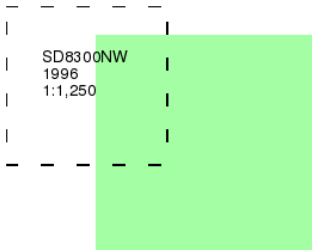
Large-Scale National Grid Data

Published 1996

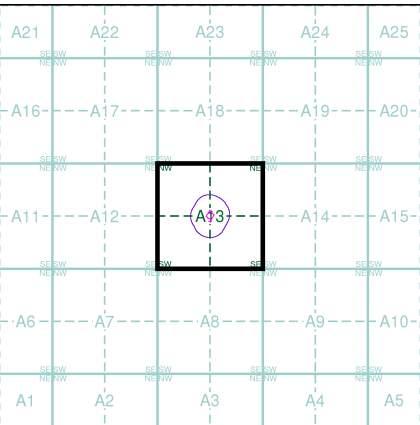
Source map scale - 1:1,250

'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 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)



Historical Map - Segment A13



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
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Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

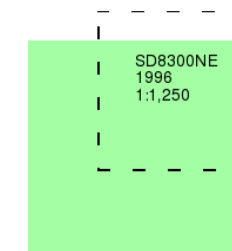
Large-Scale National Grid Data

Published 1996

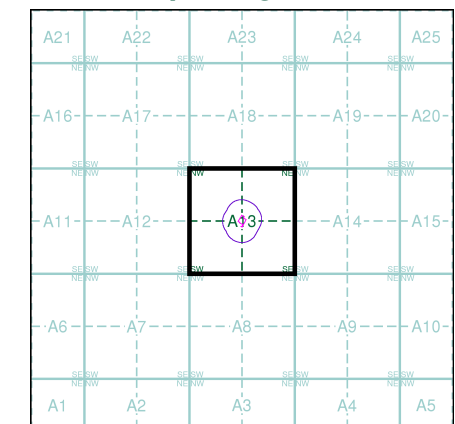
Source map scale - 1:1,250

'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 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)



Historical Map - Segment A13



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
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Site Details

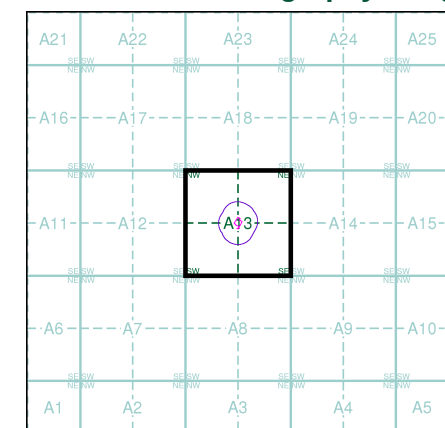
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



Historical Aerial Photography
Published 2000

This aerial photography was produced by Getmapping, 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: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit

Sand Pit

Other Pits

Quarry

Shingle

Orchard

Osiers

Reeds

Marsh

Mixed Wood

Deciduous

Brushwood

Fir

Furze

Rough Pasture

Arrow denotes flow of water

Trigonometrical Station

Site of Antiquities

Bench Mark

Pump, Guide Post, Signal Post

Well, Spring, Boundary Post

-285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads

Fenced

Minor Roads

Un-Fenced

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

County Borough Boundary (England)

County Burgh Boundary (Scotland)

Rural District Boundary

Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry

Gravel Pit

Sand Pit

Disused Pit or Quarry

Refuse or Slag Heap

Lake, Loch or Pond

Dunes

Boulders

Coniferous Trees

Non-Coniferous Trees

Orchard

Scrub

Coppice

Bracken

Heath

Rough Grassland

Marsh

Reeds

Saltings

Building

Glasshouse

Direction of Flow of Water

Shingle

Sand

Sloping Masonry

Pylon

Electricity Transmission Line

Pole

Cutting

Embankment

Standard Gauge Multiple Track

Standard Gauge Single Track

Siding, Tramway or Mineral Line

Narrow Gauge

Geographical County

Administrative County, County Borough or County of City

Municipal Borough, Urban or Rural District, Burgh or District Council

Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries

Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS

Boundary Post or Stone

Ch

Church

CH

Club House

F E Sta

Fire Engine Station

FB

Foot Bridge

Fn

Fountain

GP

Guide Post

MP

Mile Post

MS

Mile Stone

Pol Sta

Police Station

PO

Post Office

PC

Public Convenience

PH

Public House

SB

Signal Box

Spr

Spring

TCB

Telephone Call Box

TCP

Telephone Call Post

W

Well

1:10,000 Raster Mapping

Gravel Pit

Refuse tip or slag heap

Rock

Rock (scattered)

Boulders

Boulders (scattered)

Shingle

Mud

Sand

Sand Pit

Slopes

Top of cliff

General detail

Underground detail

Overhead detail

Narrow gauge railway

Multi-track railway

Single track railway

County boundary (England only)

Civil, parish or community boundary

District, Unitary, Metropolitan, London Borough boundary

Constituency boundary

Area of wooded vegetation

Non-coniferous trees

Non-coniferous trees (scattered)

Coniferous trees

Coniferous trees (scattered)

Positioned tree

Orchard

Coppice or Osiers

Rough Grassland

Heath

Scrub

Marsh, Salt Marsh or Reeds

Water feature

Flow arrows

MHW(S) Mean high water (springs)

MLW(S) Mean low water (springs)

Electricity transmission line (with poles)

Telephone line (where shown)

Bench mark (where shown)

Point feature (e.g. Guide Post or Mile Stone)

Site of (antiquity)

Glasshouse

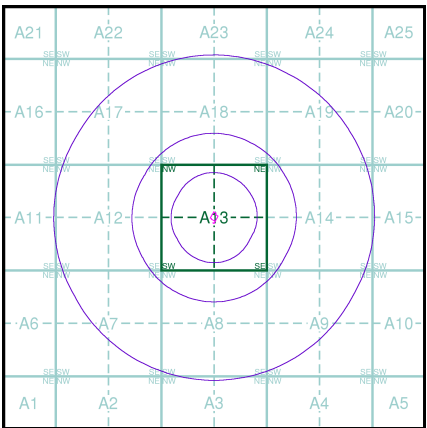
General Building

Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1909 - 1910	6
Lancashire And Furness	1:10,560	1923	7
Lancashire And Furness	1:10,560	1931 - 1933	8
Lancashire And Furness	1:10,560	1938	9
Ordnance Survey Plan	1:10,000	1956	10
Ordnance Survey Plan	1:10,000	1968	11
Ordnance Survey Plan	1:10,000	1972 - 1979	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1986	14
Ordnance Survey Plan	1:10,000	1985	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2024	20

Historical Map - Slice A



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A) З з (Z) П п (P) Ч ч (CH)

Б б (B) И и (I) Р р (R) Ш ш (SH)

В в (V) Й й (Y) С с (S) Щ щ (SHCH)

Г г (G) К к (K) Т т (T) Ъ ъ (-)

Д д (D) Л л (L) У у (U) Ы ы (Y)

Е е (E) М м (M) Ф ф (F) Ь ь (')

Ё ё (YO) Н н (N) Х х (KH) Э э (E)

Ж ж (ZH) О о (O) Ц ц (TS) Ю ю (YU or IU)

Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station Dismantled Railroad Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

Key to Numbers on Mapping

SD80_Manchester

No.	Description
18	Depot (Bus)

SJ89_Manchester

No.	Description
157	Police Station/Headquarters
216	Prison
248	Power Station (Electric)

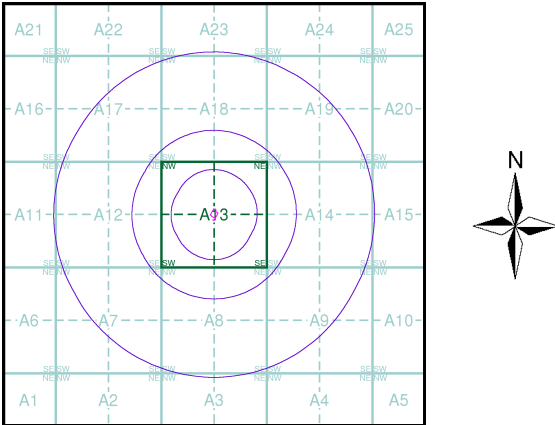
soiltechnics

environmental • geotechnical • building fabric

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1909 - 1910	6
Lancashire And Furness	1:10,560	1923	7
Lancashire And Furness	1:10,560	1931 - 1933	8
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Ordnance Survey Plan	1:10,000	1972 - 1979	12
Manchester	1:25,000	1975	13
Ordnance Survey Plan	1:10,000	1980 - 1986	14
Ordnance Survey Plan	1:10,000	1985	15
Ordnance Survey Plan	1:10,000	1989	16
Ordnance Survey Plan	1:10,000	1994	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2024	20

Russian Map - Slice A



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

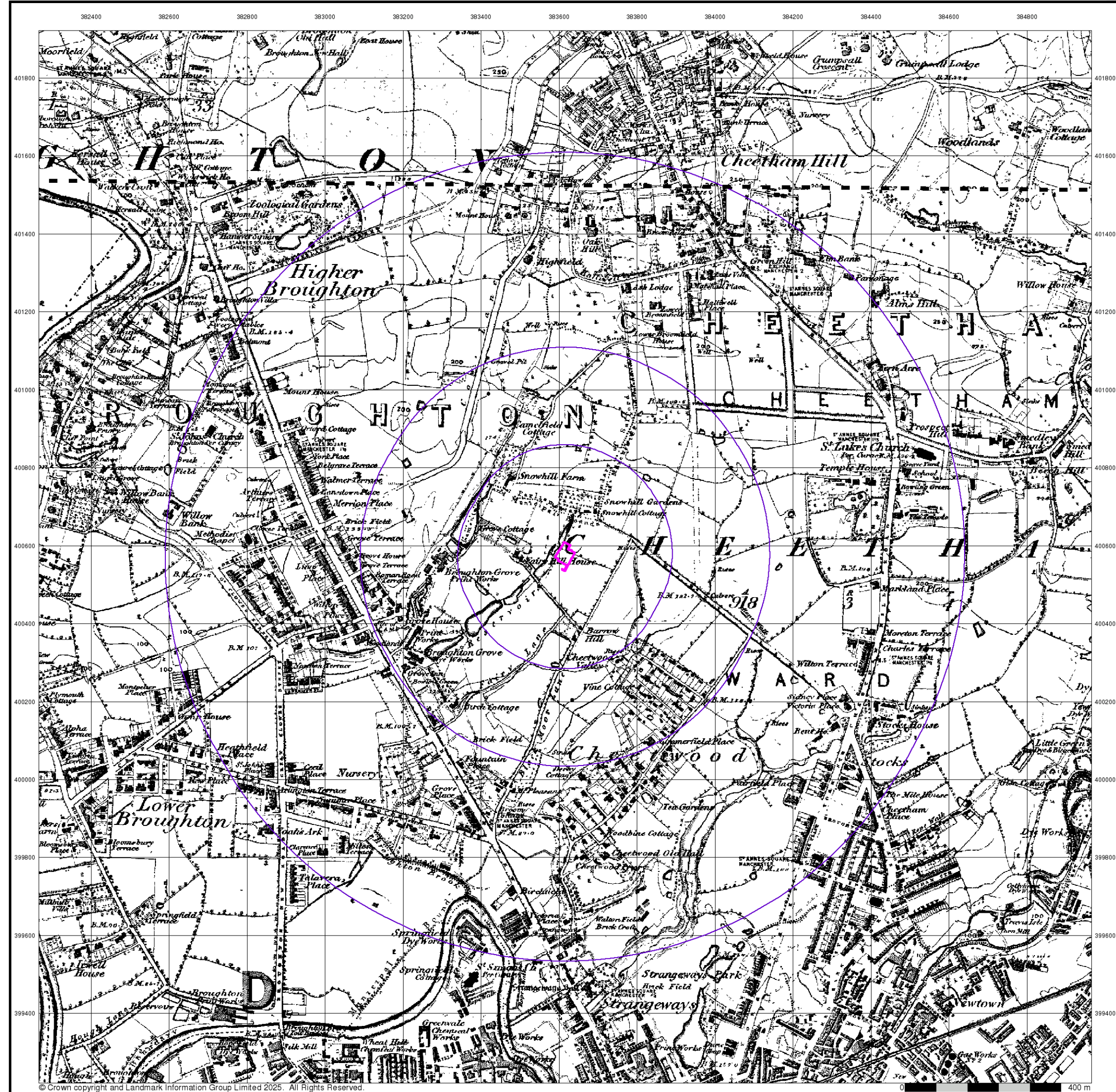
Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE

Landmark

INFORMATION GROUP

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



Lancashire And Furness

Published 1848

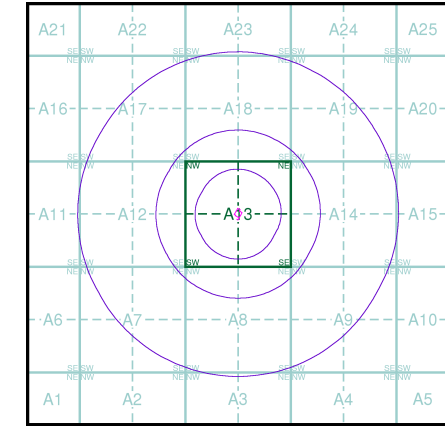
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

09600
1848
1:10,560
10400
1848
1:10,560

Historical Map - Slice A

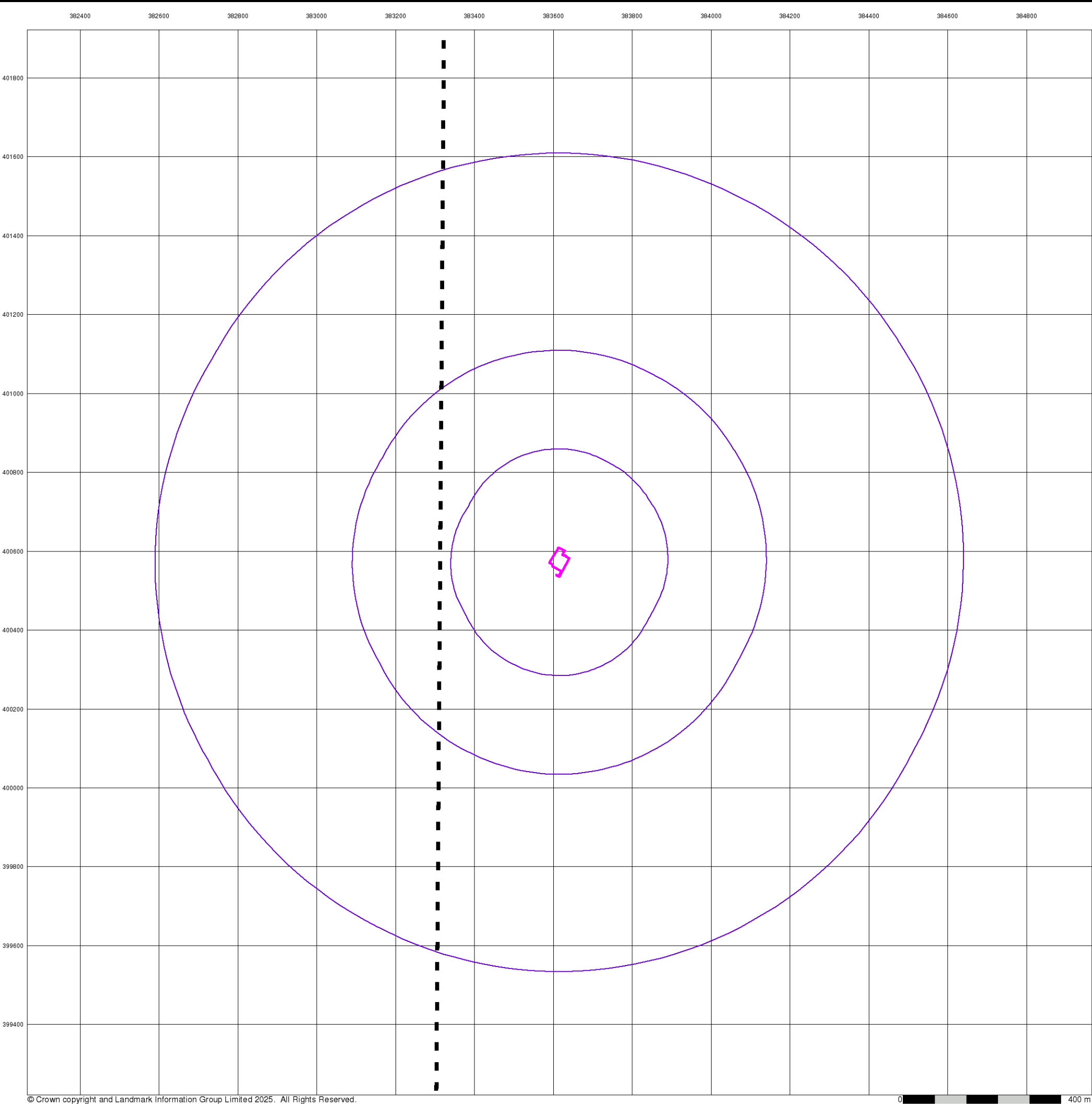


Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
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Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



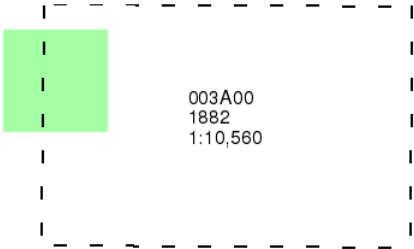
Cheshire

Published 1882

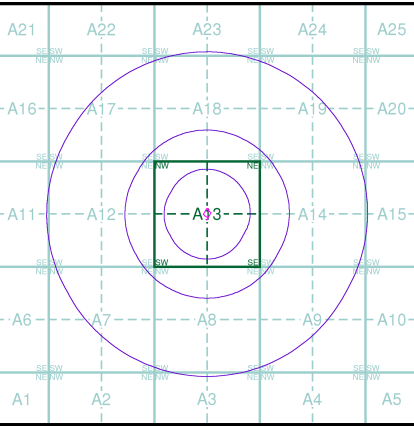
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

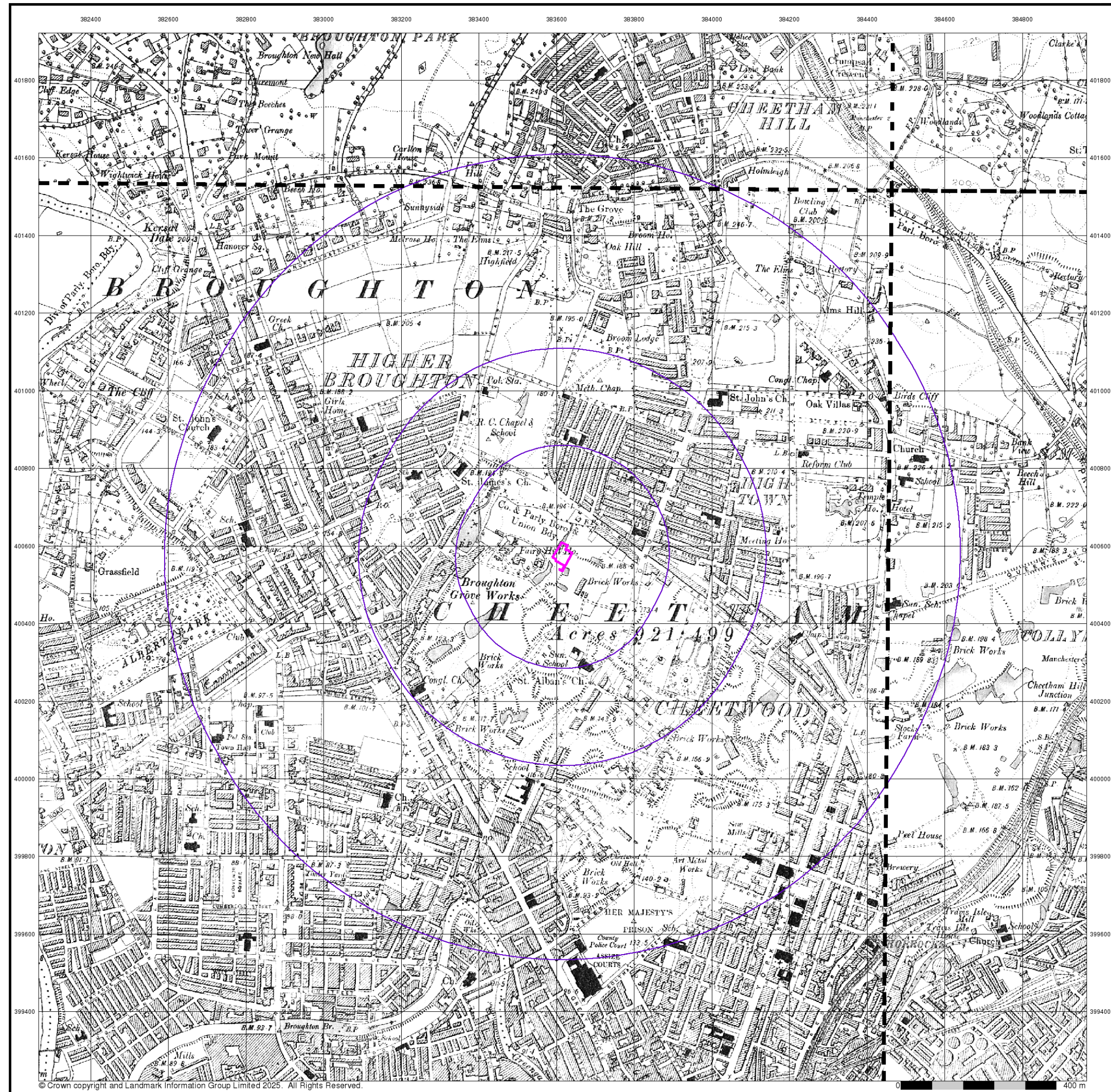


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



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Lancashire And Furness

Published 1894

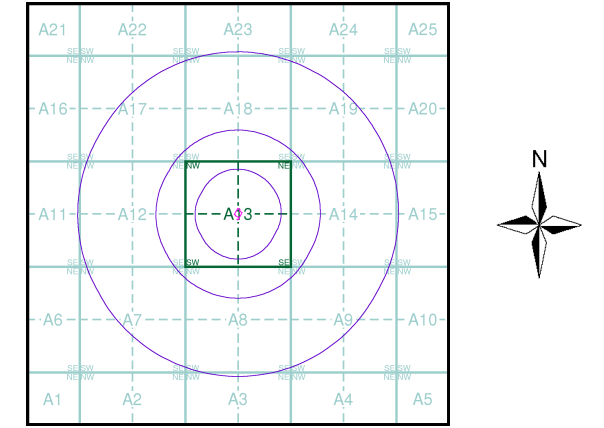
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

096SW 1894 1:10,560	096SE 1894 1:10,560
104NW 1894 1:10,560	104NE 1894 1:10,560

Historical Map - Slice A



Order Details

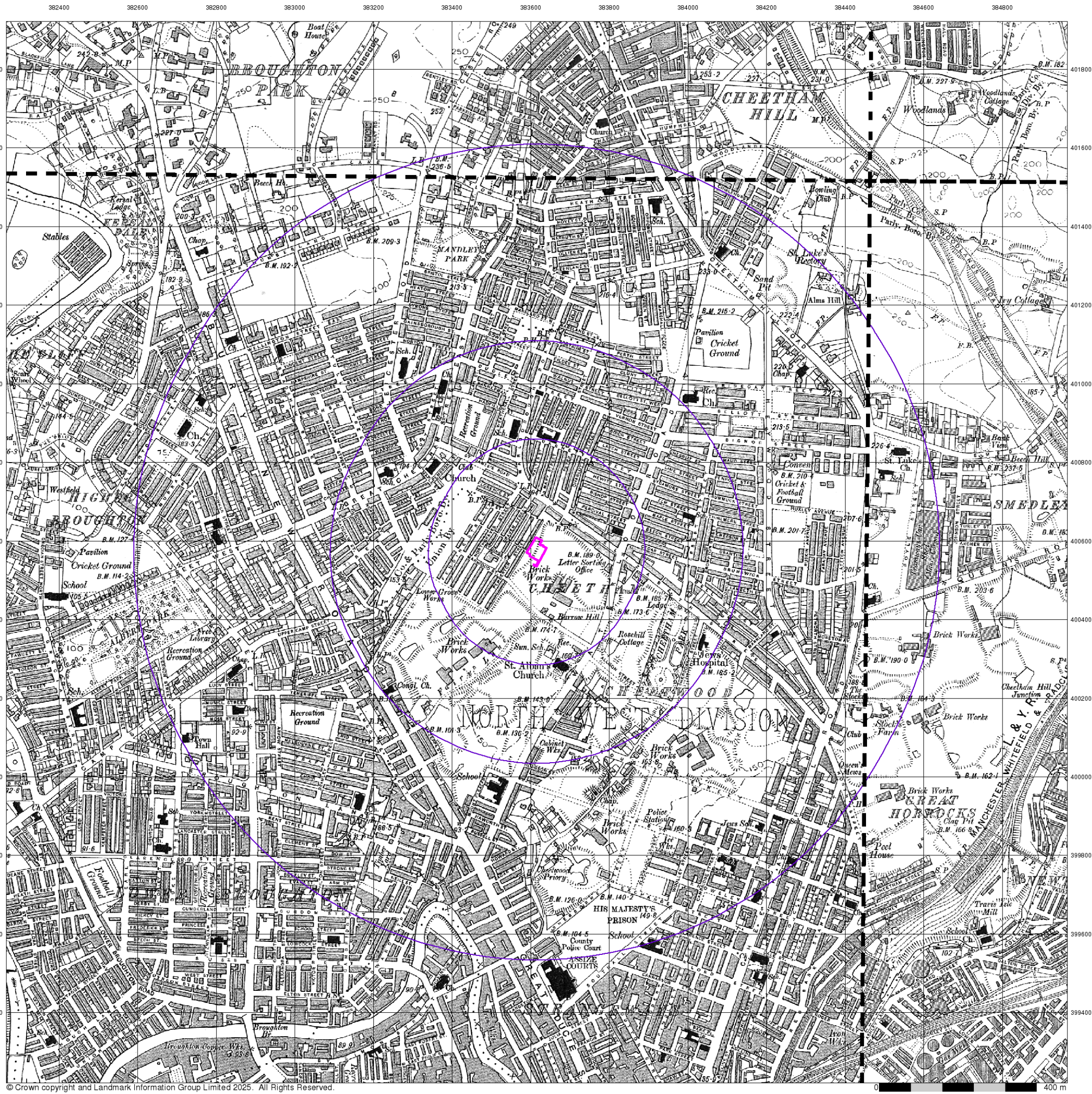
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1909 - 1910

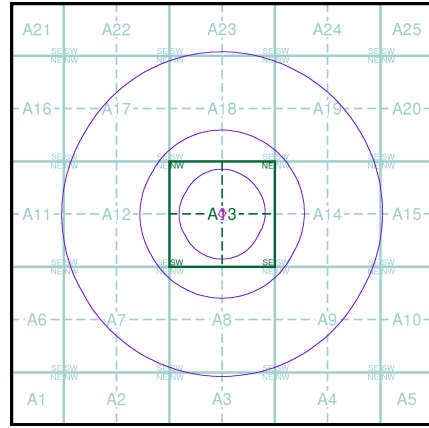
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

096SW 1910 1:10,560	096SE 1910 1:10,560
104NW 1909 1:10,560	104NE 1909 1:10,560

Historical Map - Slice A

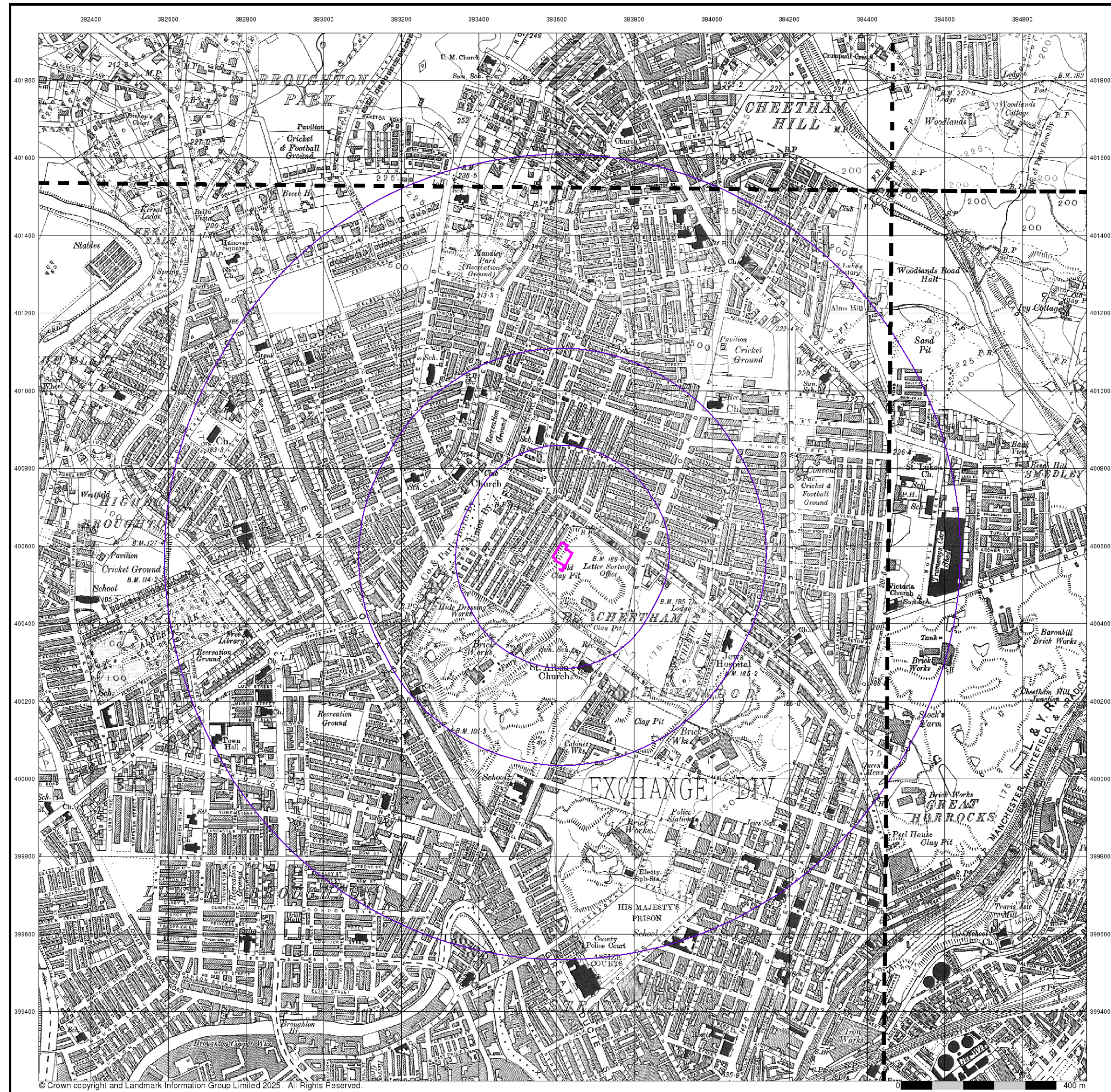


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
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Lancashire And Furness

Published 1923

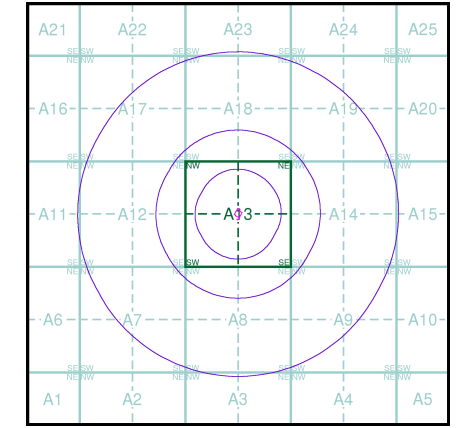
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

096SW 1923 1:10,560	096SE 1923 1:10,560
104NW 1923 1:10,560	104NE 1923 1:10,560

Historical Map - Slice A

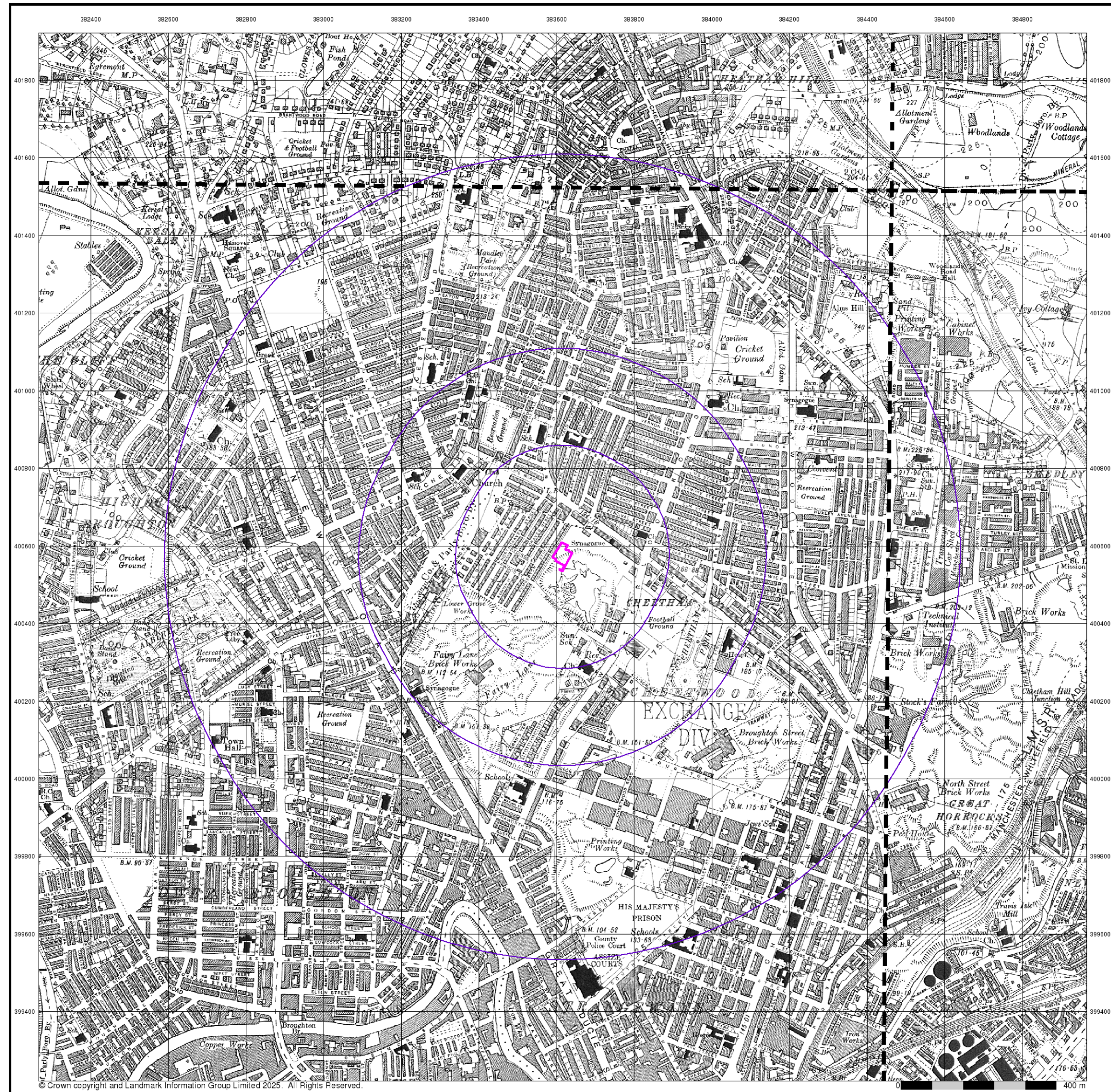


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



Lancashire And Furness

Published 1931 - 1933

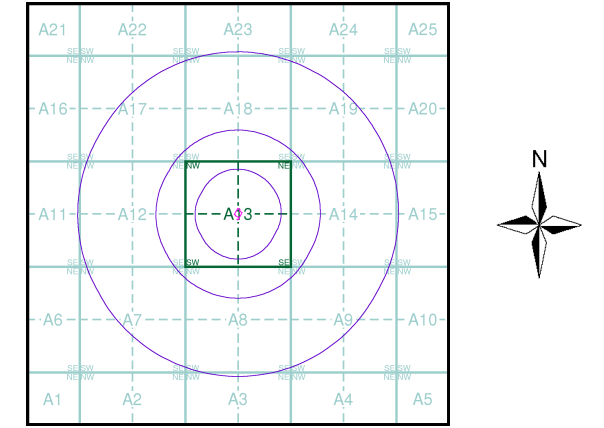
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

096SW 1932 1:10,560	096SE 1933 1:10,560
104NW 1931 1:10,560	104NE 1932 1:10,560

Historical Map - Slice A

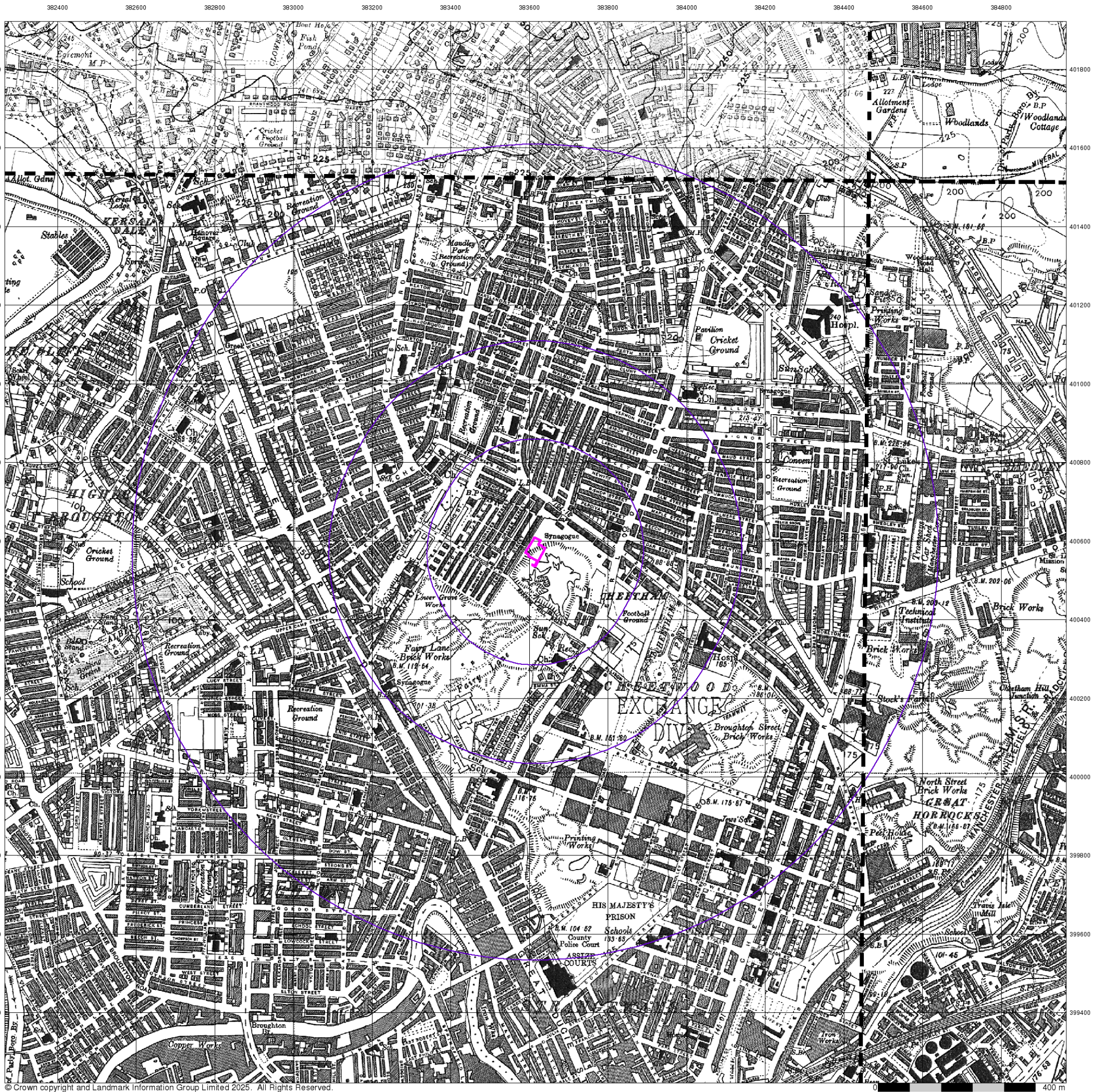


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



Lancashire And Furness

Published 1938

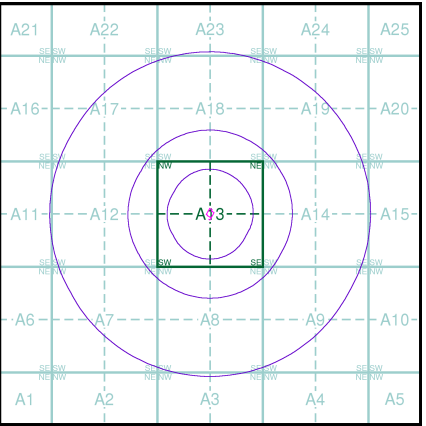
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

096SW 1938 1:10,560	096SE 1938 1:10,560
104NW 1938 1:10,560	104NE 1938 1:10,560

Historical Map - Slice A

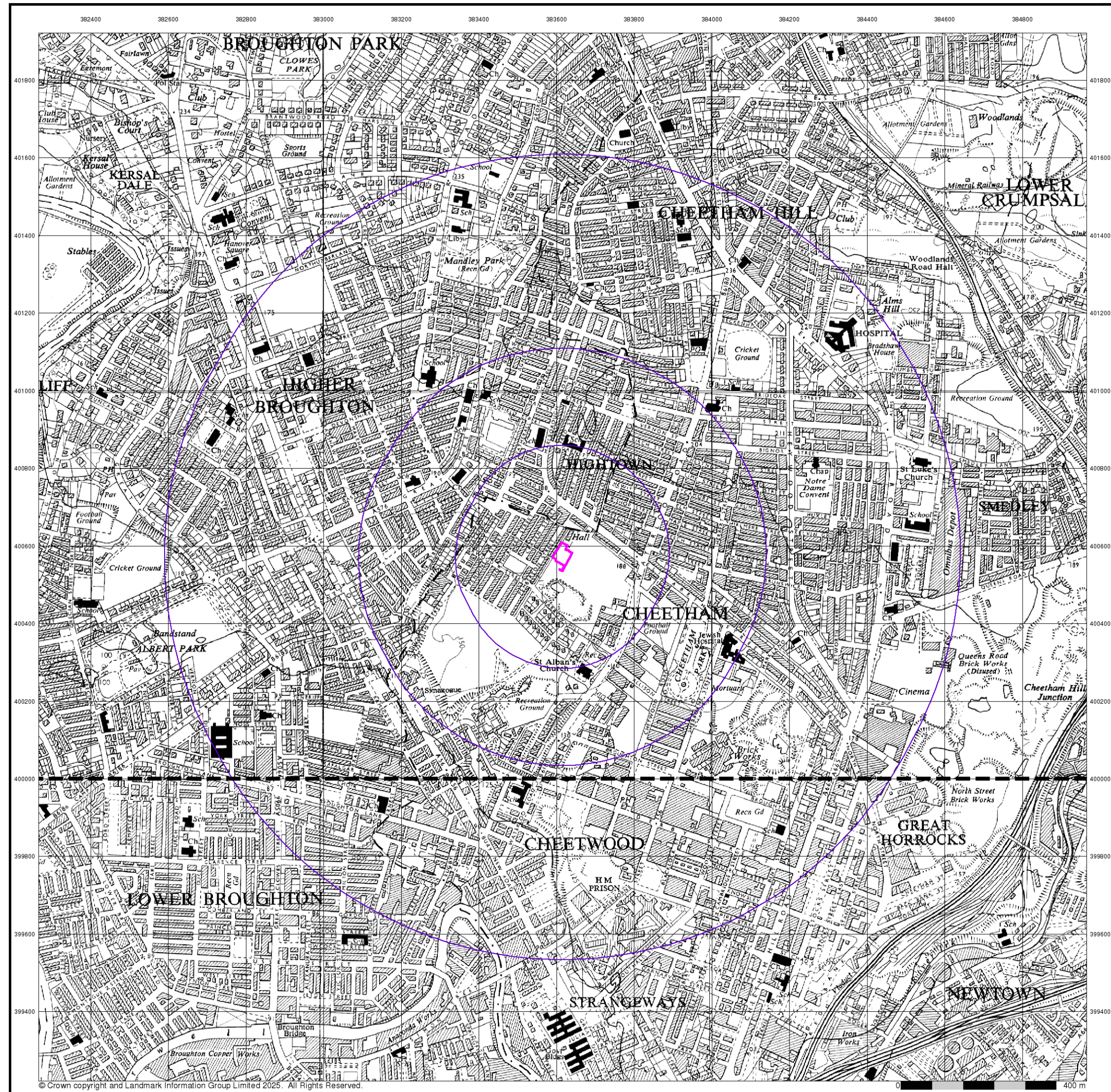


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
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Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

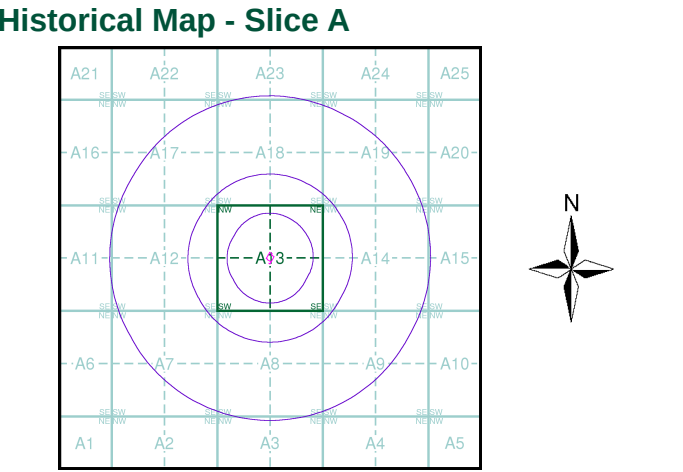


Ordnance Survey Plan
Published 1956
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

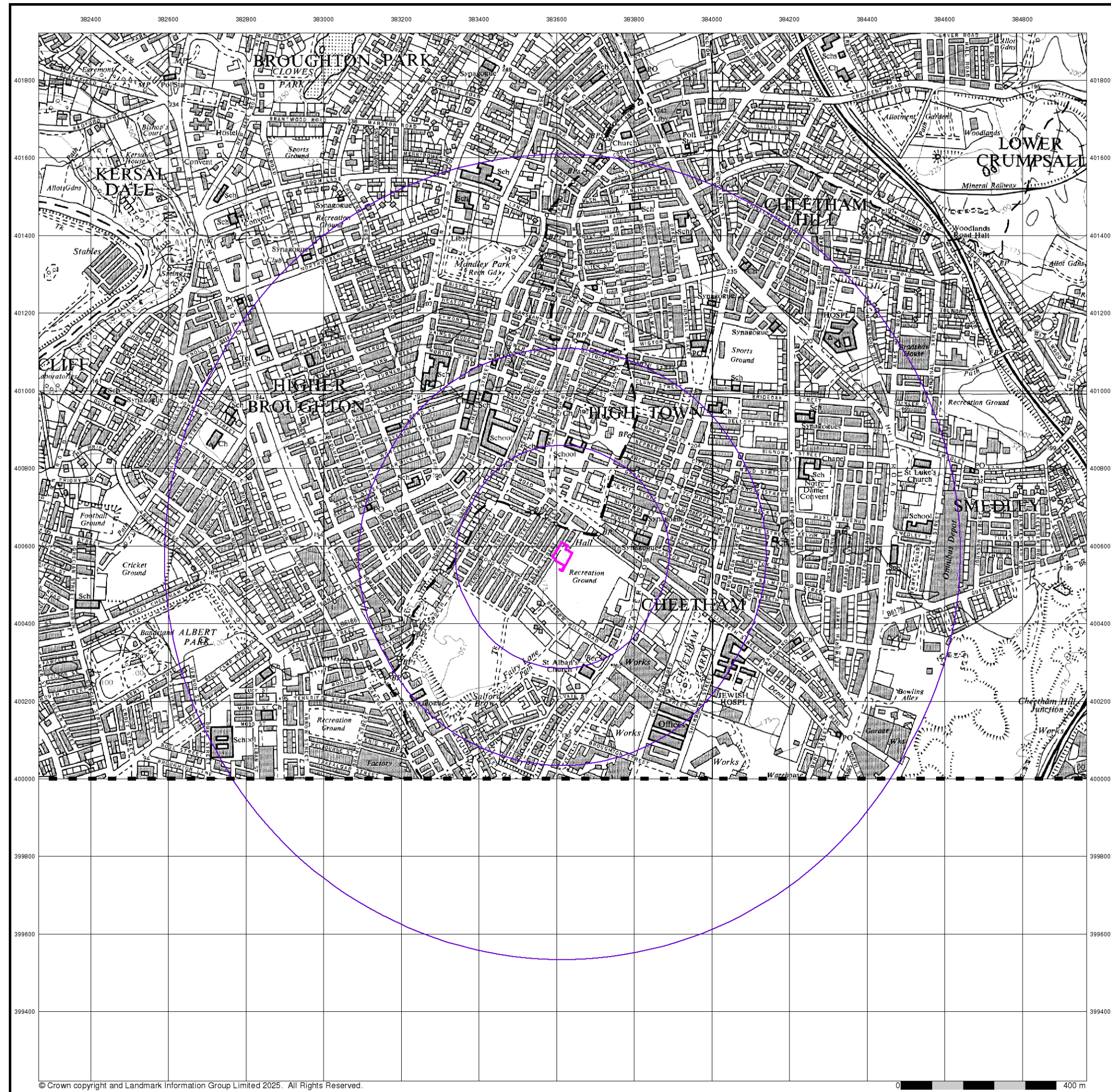
SD80SW	1956
1:10,560	
SJ89NW	1956
1:10,560	



Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



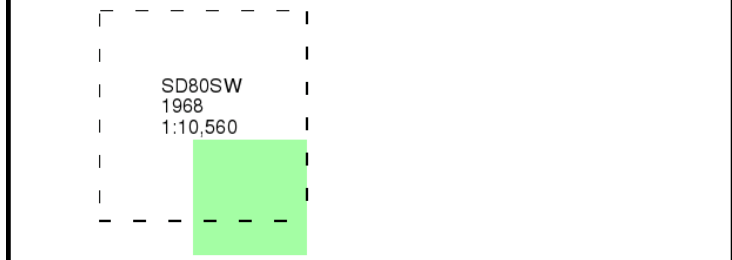
Ordnance Survey Plan

Published 1968

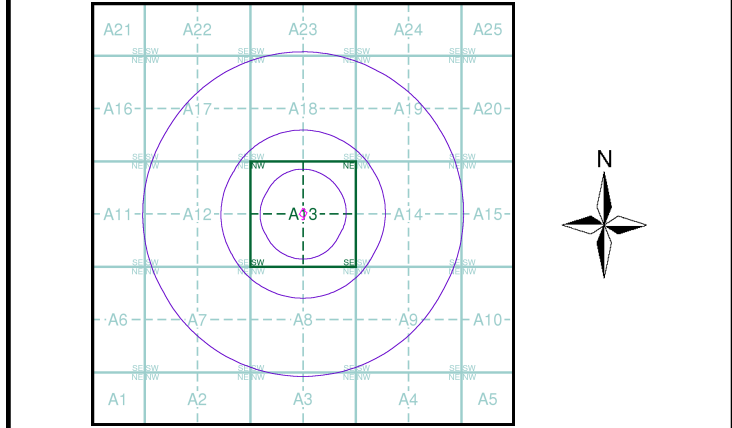
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

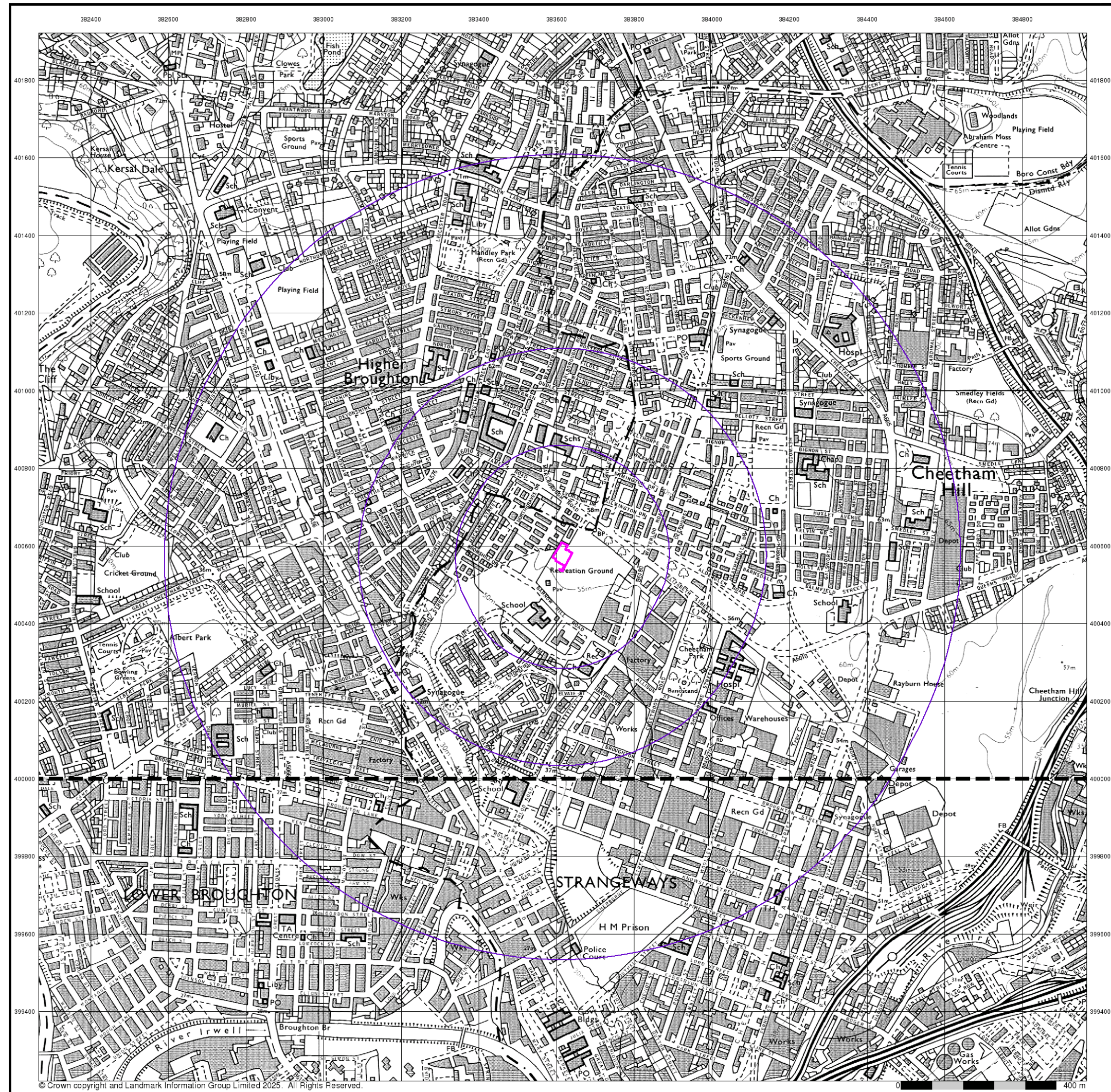


Order Details

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Search Buffer (m):	1000

Site Details

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SALFORD, M7 4YE



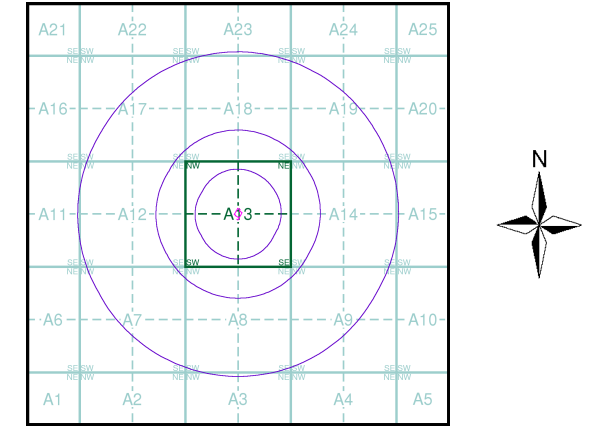
Ordnance Survey Plan
Published 1972 - 1979
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SD80SW	1979
1:10,000	
SJ89NW	1972
1:10,000	

Historical Map - Slice A



Order Details	
Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



Manchester

Published 1975

Source map scale - 1:25,000

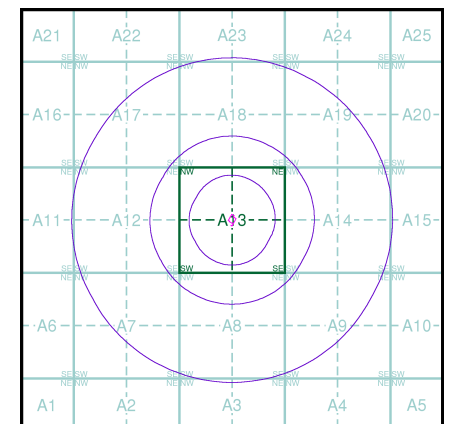
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SD80	1975	1:25,000
SJ89	1975	1:25,000

Russian Map - Slice A

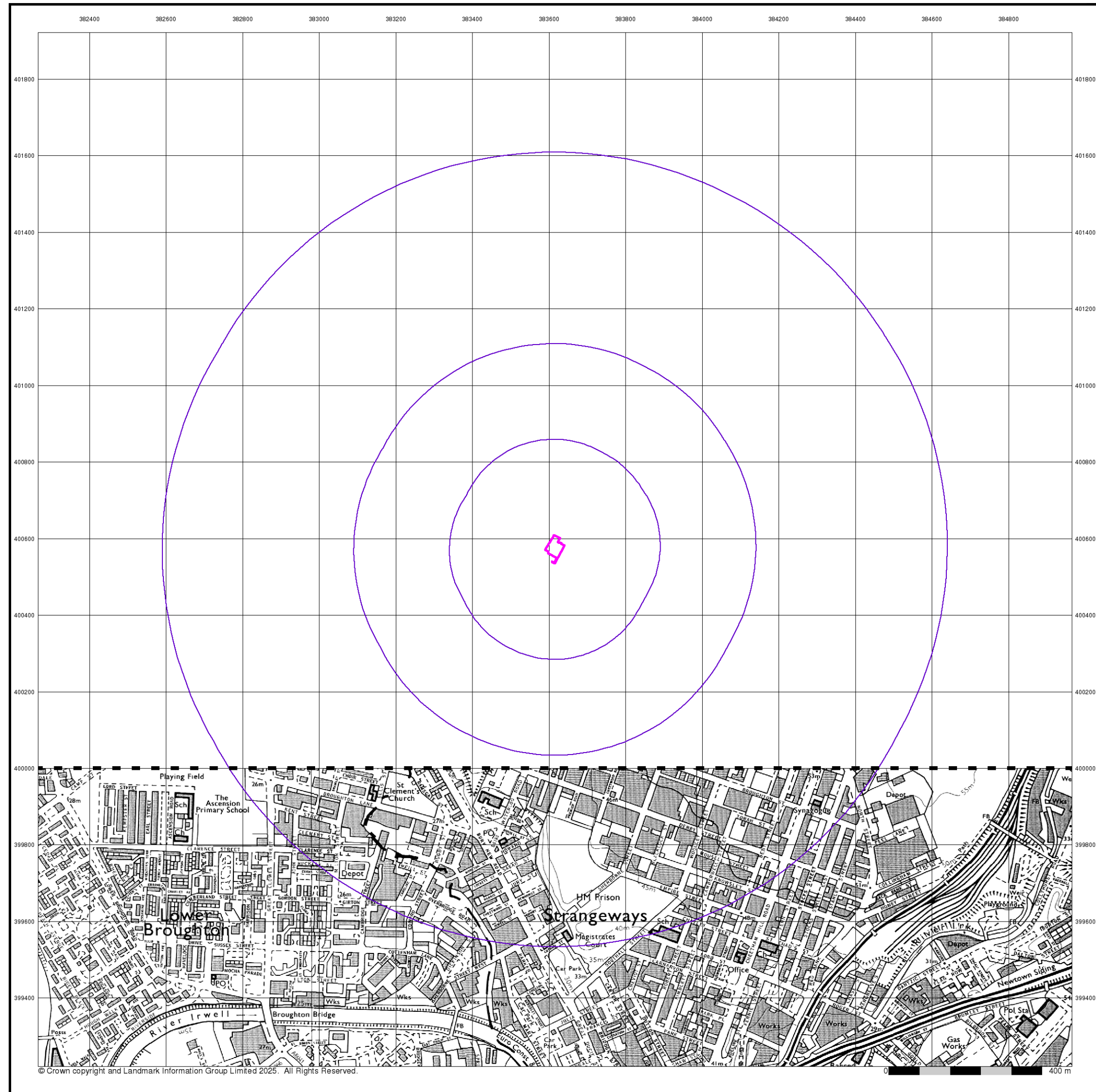


Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

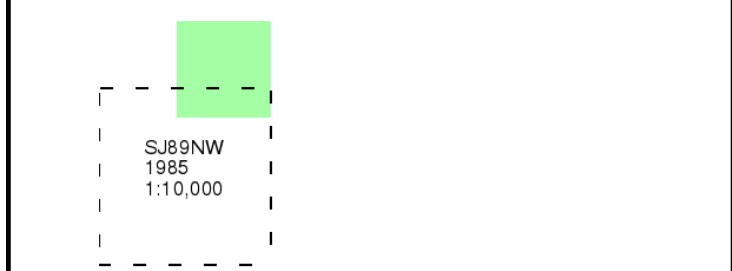
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



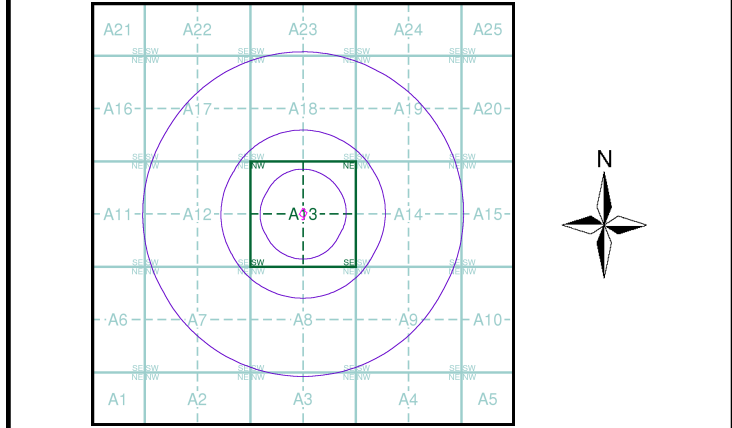
Ordnance Survey Plan
Published 1985
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

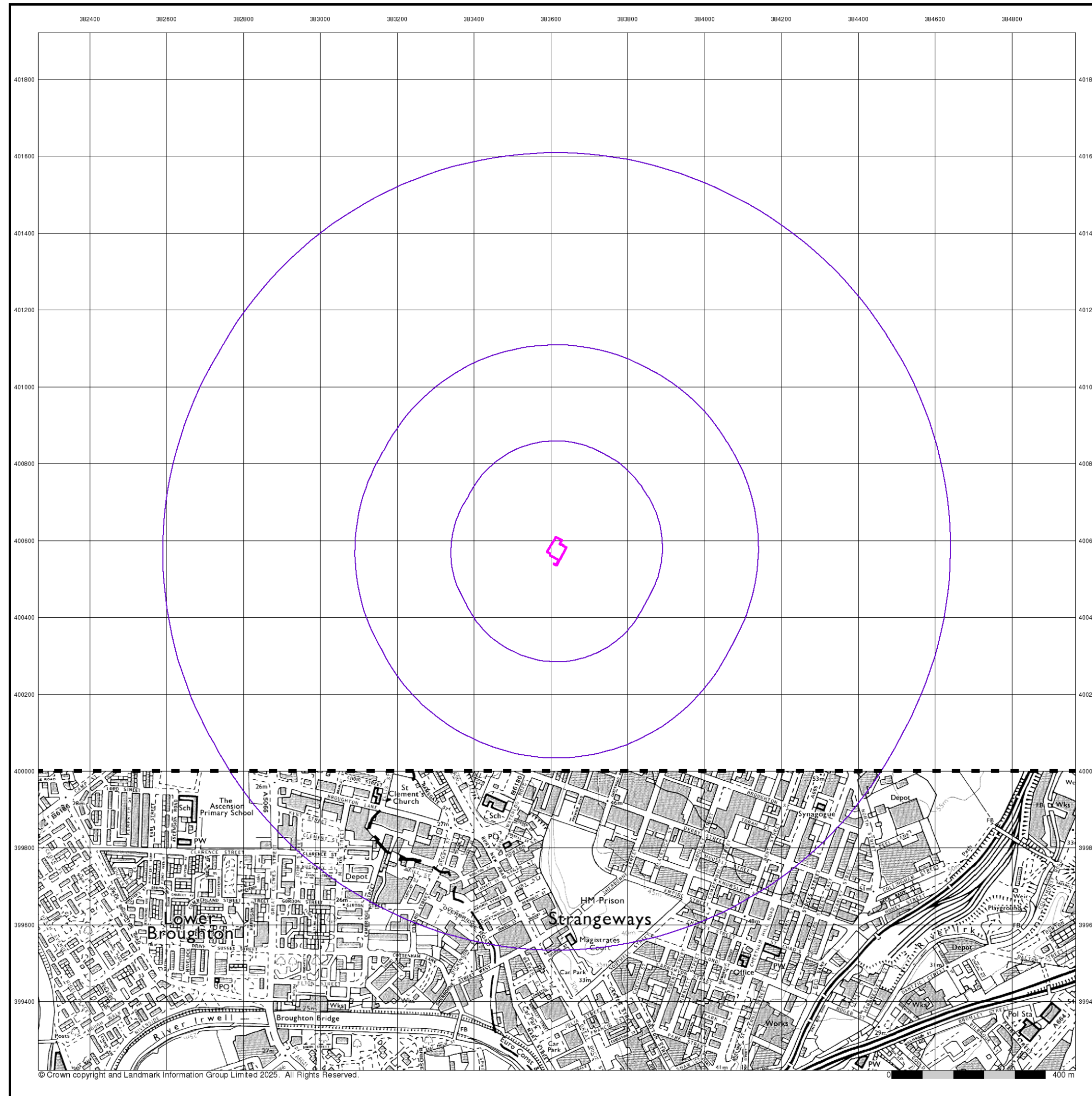


Historical Map - Slice A



Order Details	
Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details
Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



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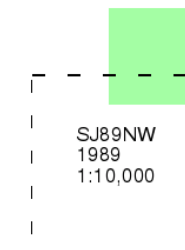
Ordnance Survey Plan

Published 1989

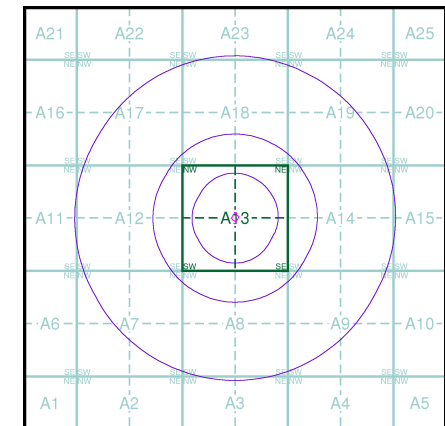
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

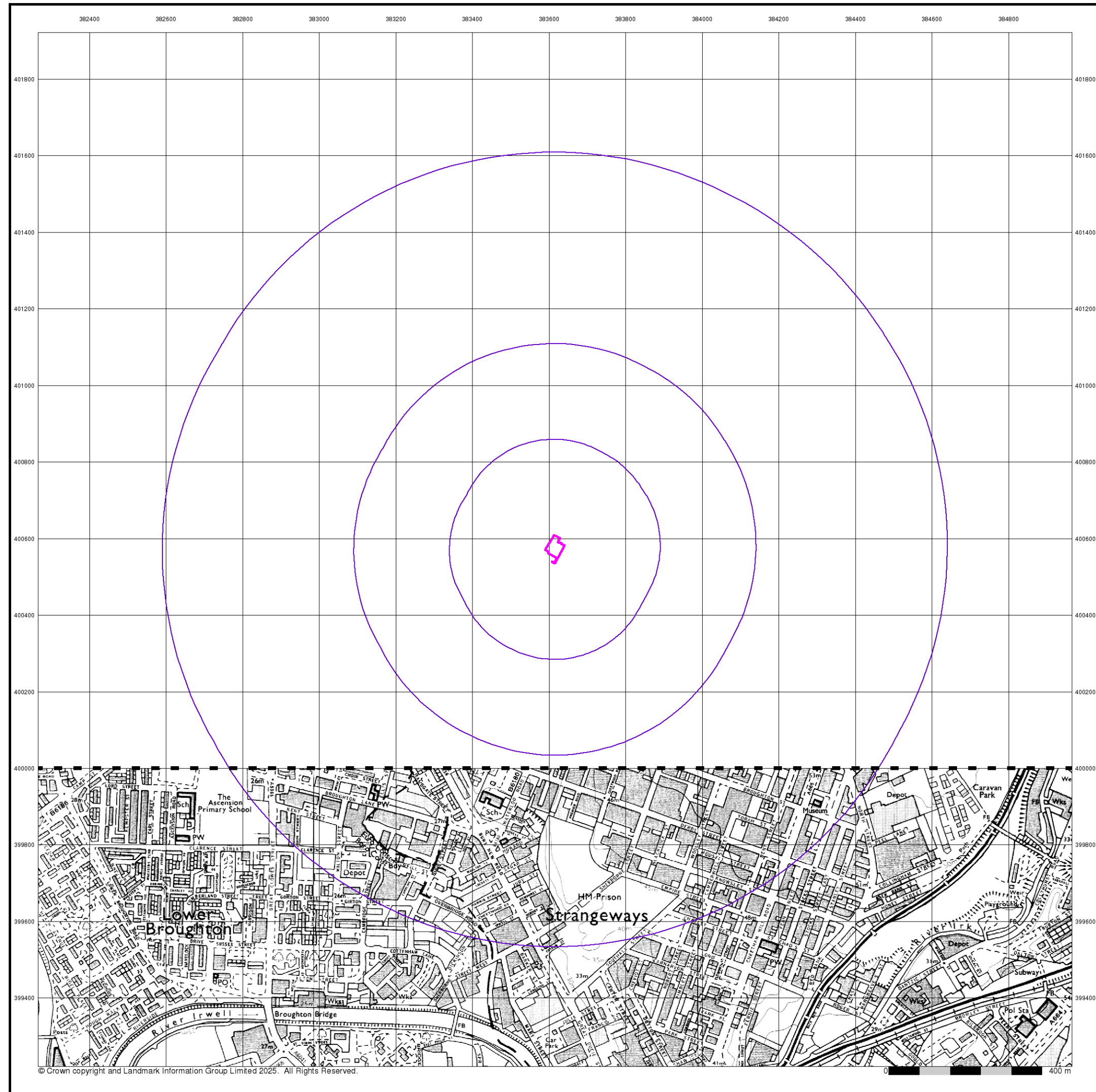


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



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Ordnance Survey Plan

Published 1994

Source map scale - 1:10,000

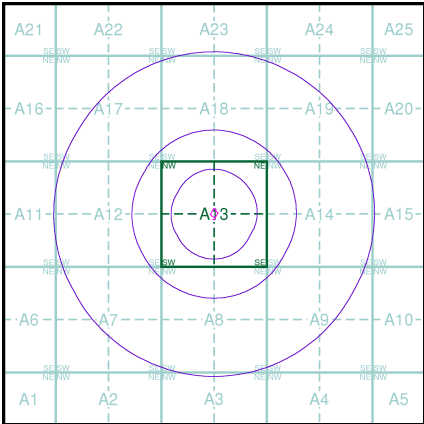
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



SJ89NW
1994
1:10,000

Historical Map - Slice A





Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

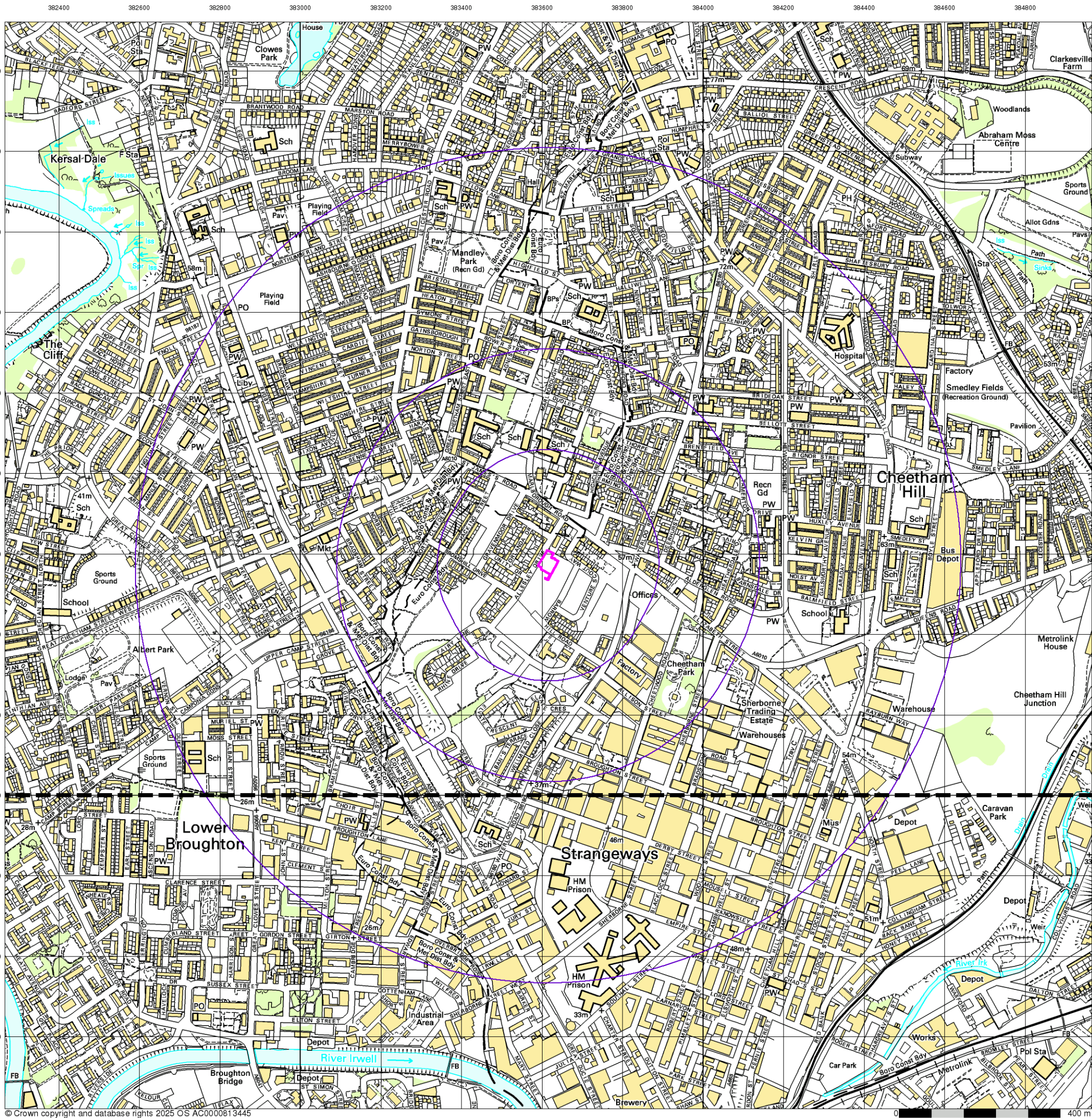
Landmark

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A Landmark Information Group Service v50.0 29-Apr-2025 Page 17 of 20



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10k Raster Mapping

Published 1999

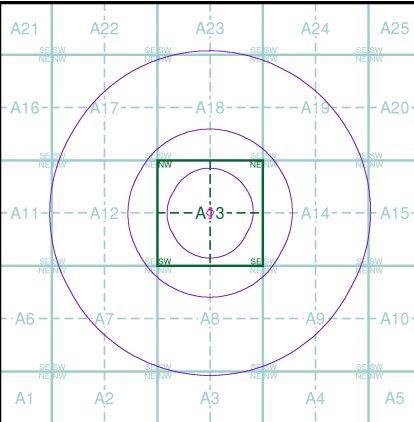
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences 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)

SD80SW	1999	1:10,000
SJ89NW	1999	1:10,000

Historical Map - Slice A



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

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INFORMATION GROUP

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10k Raster Mapping

Published 2006

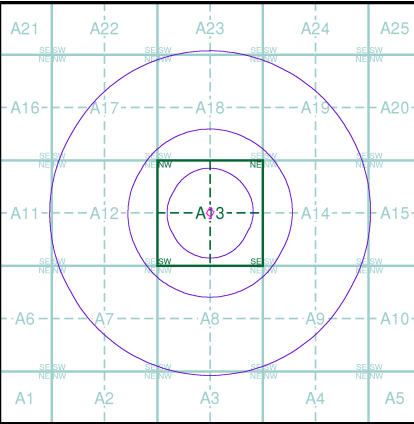
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences 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)

SD80SW	2006
1:10,000	
SJ89NW	2006
1:10,000	

Historical Map - Slice A



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

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VectorMap Local

Published 2024

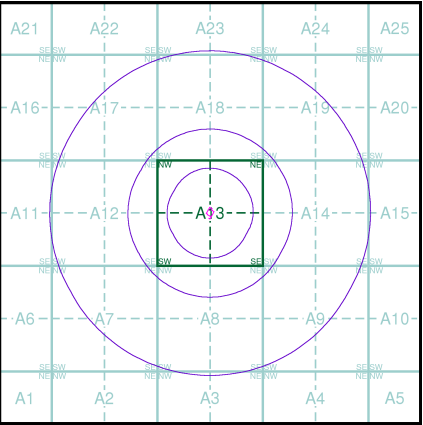
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SD80SW	2024	Variable
SJ89NW	2024	Variable

Historical Map - Slice A

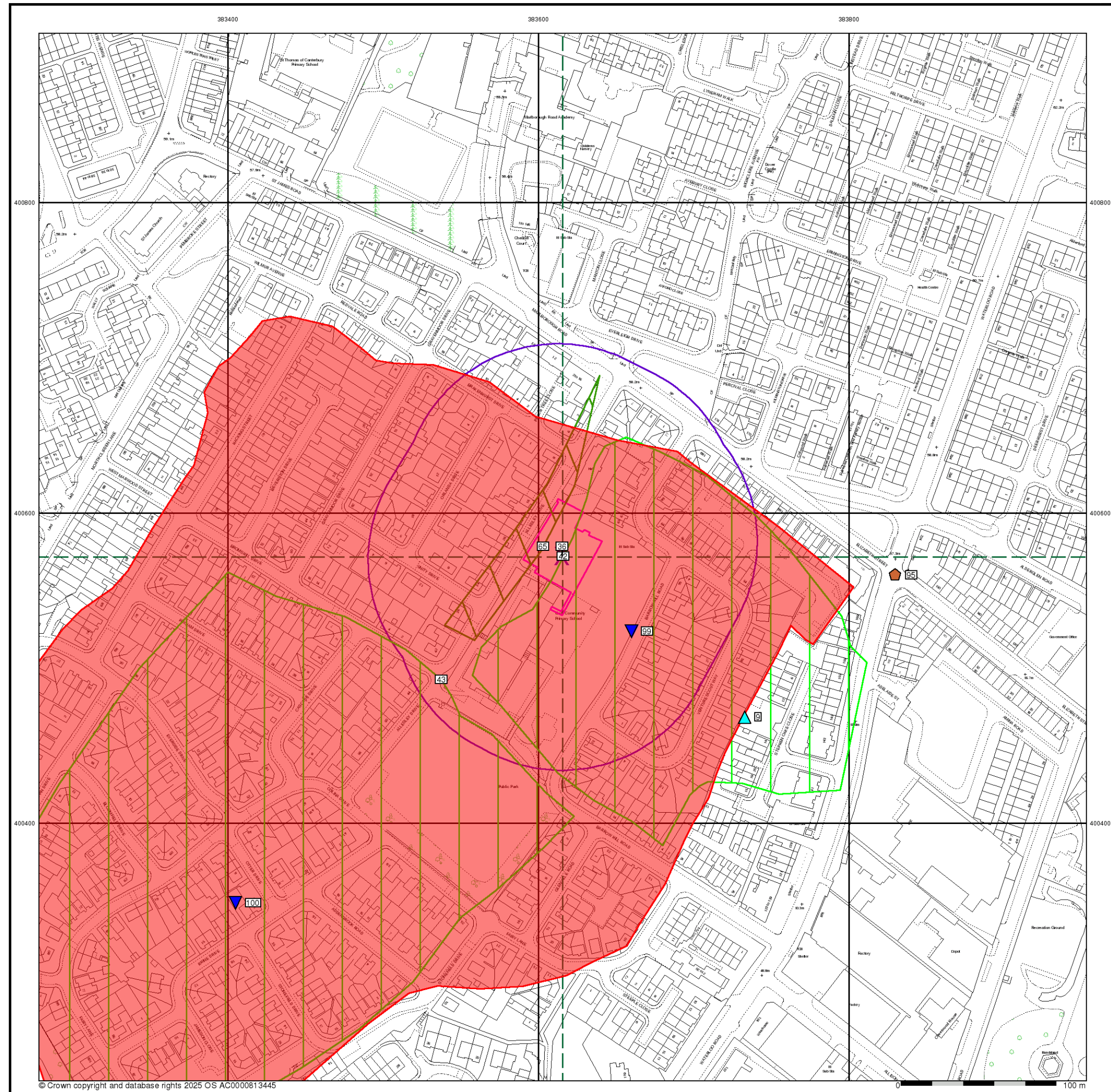


Order Details

Order Number:	375553210_1_1
Customer Ref:	STX7023
National Grid Reference:	383620, 400570
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details

Unity Community Primary School, 41, Allesley Drive, SALFORD, M7 4YE



- General

Specified Site

Specified Buffer(s)

Bearing Reference Point

Map ID

Several of Type at Location

Pylon

Overhead Transmission Line

Agency and Hydrological

Waste

Contaminated Land Register Entry or Notice (Location)

Contaminated Land Register Entry or Notice

Discharge Consent

Enforcement or Prohibition Notice

Integrated Pollution Control

Integrated Pollution Prevention Control

Local Authority Integrated Pollution Prevention and Control

Local Authority Pollution Prevention and Control

Local Authority Pollution Prevention and Control Enforcement

Pollution Incident to Controlled Waters

Historical Prosecutions

Prosecutions

Registered Radioactive Substance

River Network or Water Feature

Substantiated Pollution Incident Register

Water Abstraction

Water Industry Act Referral

BGS Recorded Landfill Site (Location)

BGS Recorded Landfill Site

EA Historic Landfill (Buffered Point)

EA Historic Landfill (Polygon)

Integrated Pollution Control Registered Waste Site

Licensed Waste Management Facility (Landfill Boundary)

Licensed Waste Management Facility (Location)

Local Authority Recorded Landfill Site (Location)

Local Authority Recorded Landfill Site

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Registered Landfill Site

Registered Landfill Site (Location)

Registered Landfill Site (Point Buffered to 100m)

Registered Landfill Site (Point Buffered to 250m)

Registered Waste Transfer Site (Location)

Registered Waste Transfer Site

Registered Waste Treatment or Disposal Site (Location)

Registered Waste Treatment or Disposal Site

Hazardous Substances

Geological

COMAH Site

Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

A21

A22

A23

A24

A25

A16

A17

A18

A19

A20

A11

A12

A13

A14

A15

A6

A7

A8

A9

A10

A1

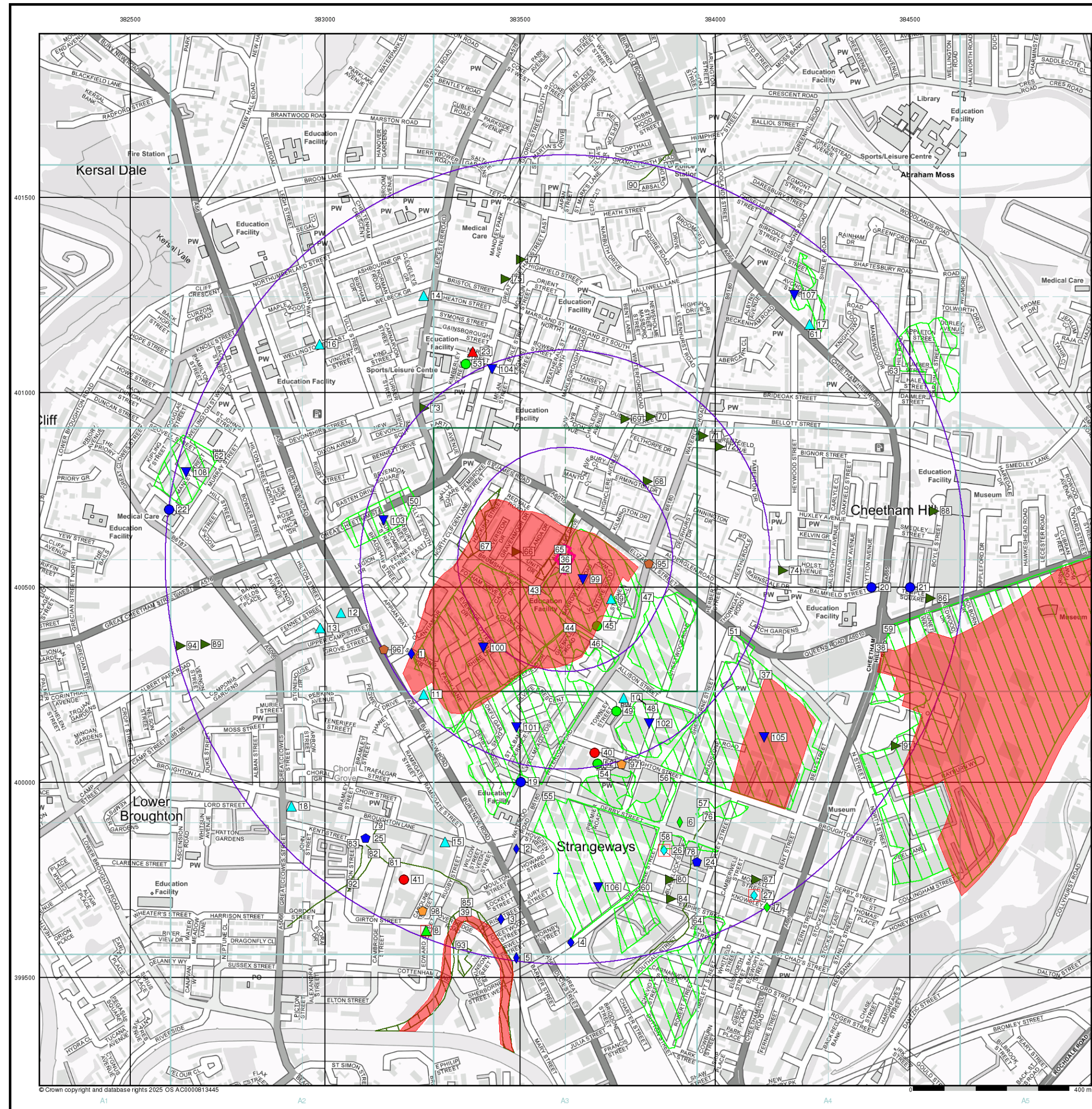
A2

A3

A4

A5
-
-
-
-

<



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- General**

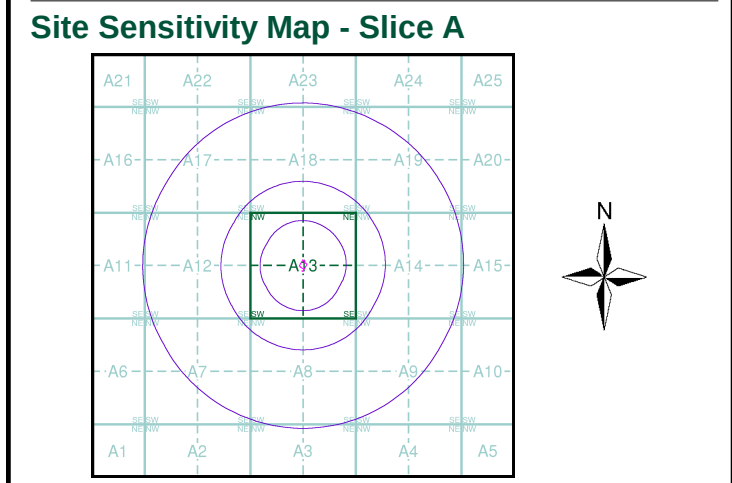
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**

 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**

 - BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**

 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Geological**

 - BGS Recorded Mineral Site



Order Details

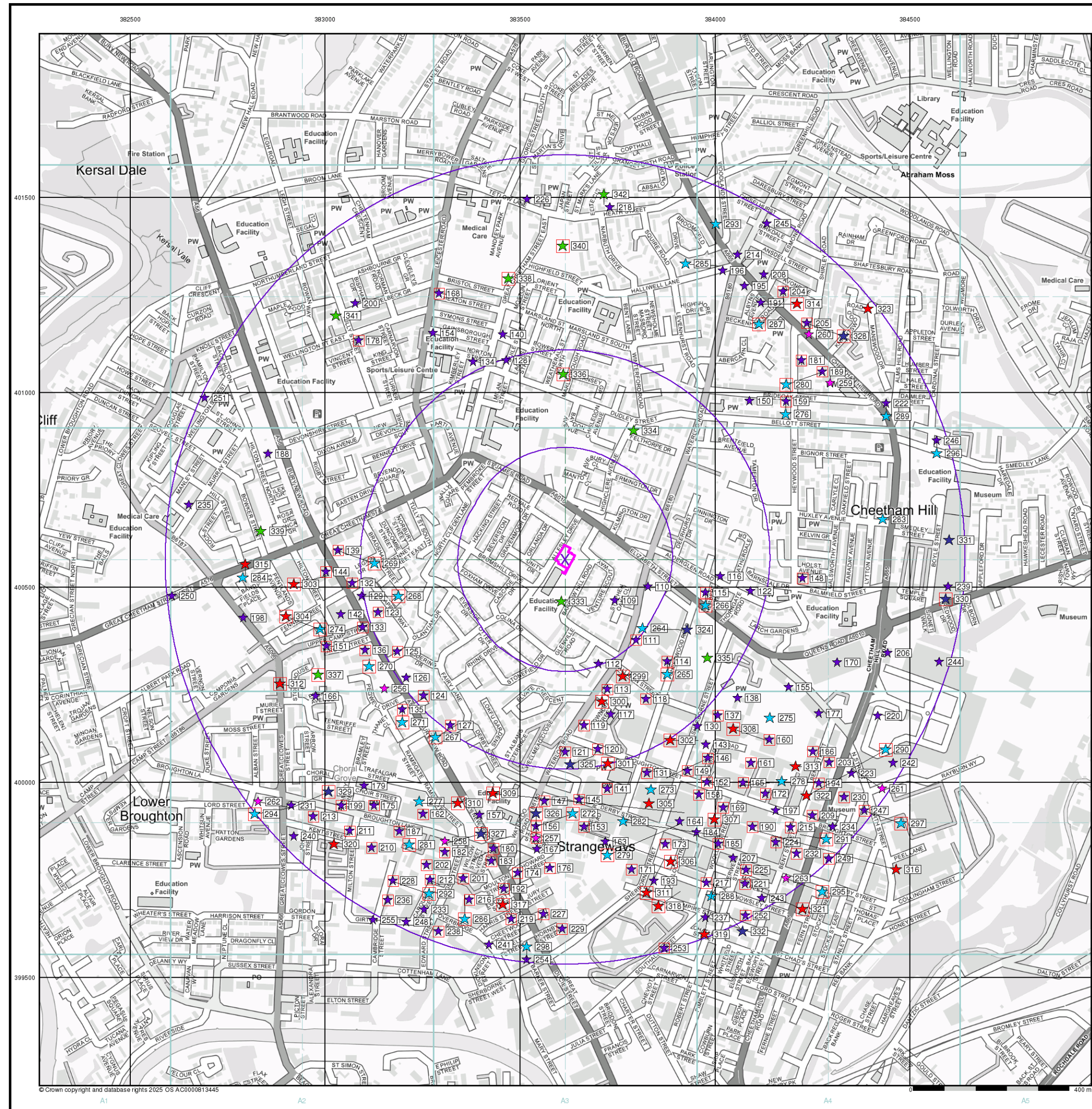
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

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Industrial Land Use Map

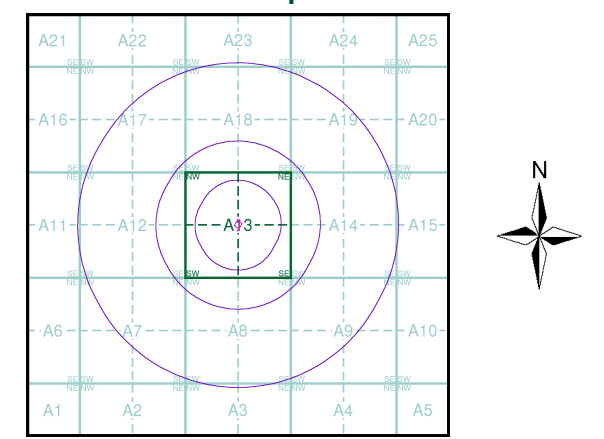
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A

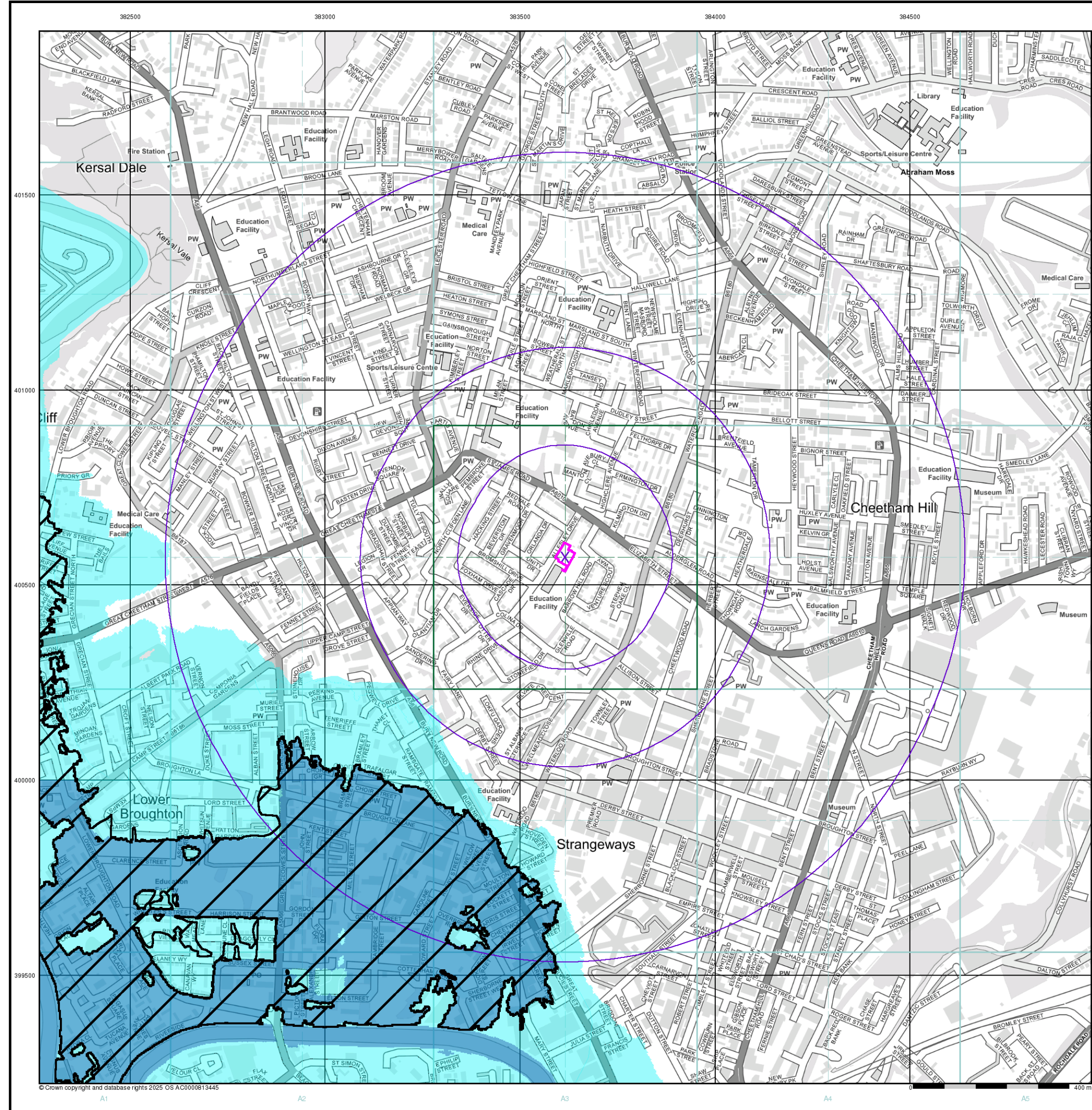


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



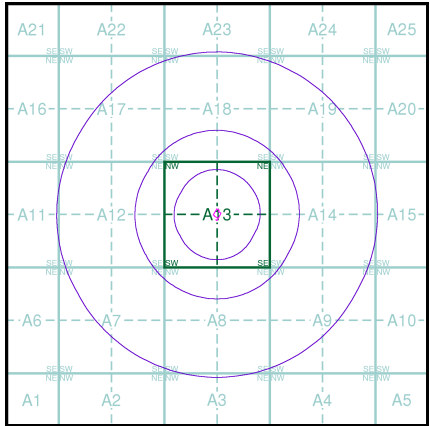
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

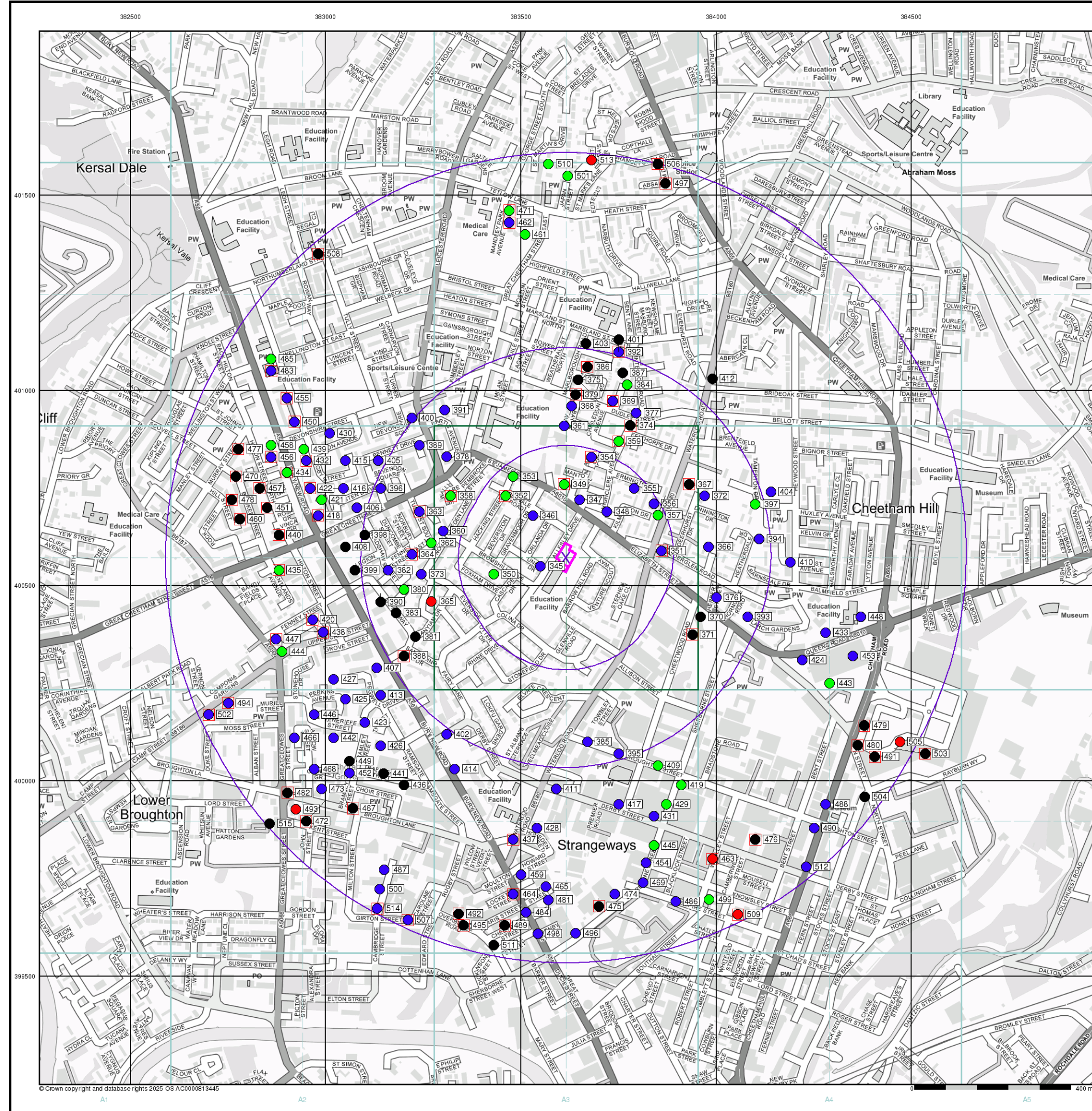


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

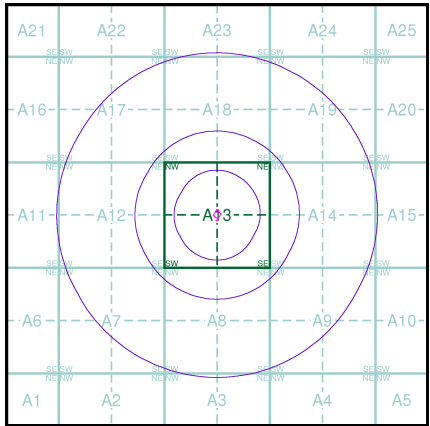
Agency and Hydrological (Boreholes)

- 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

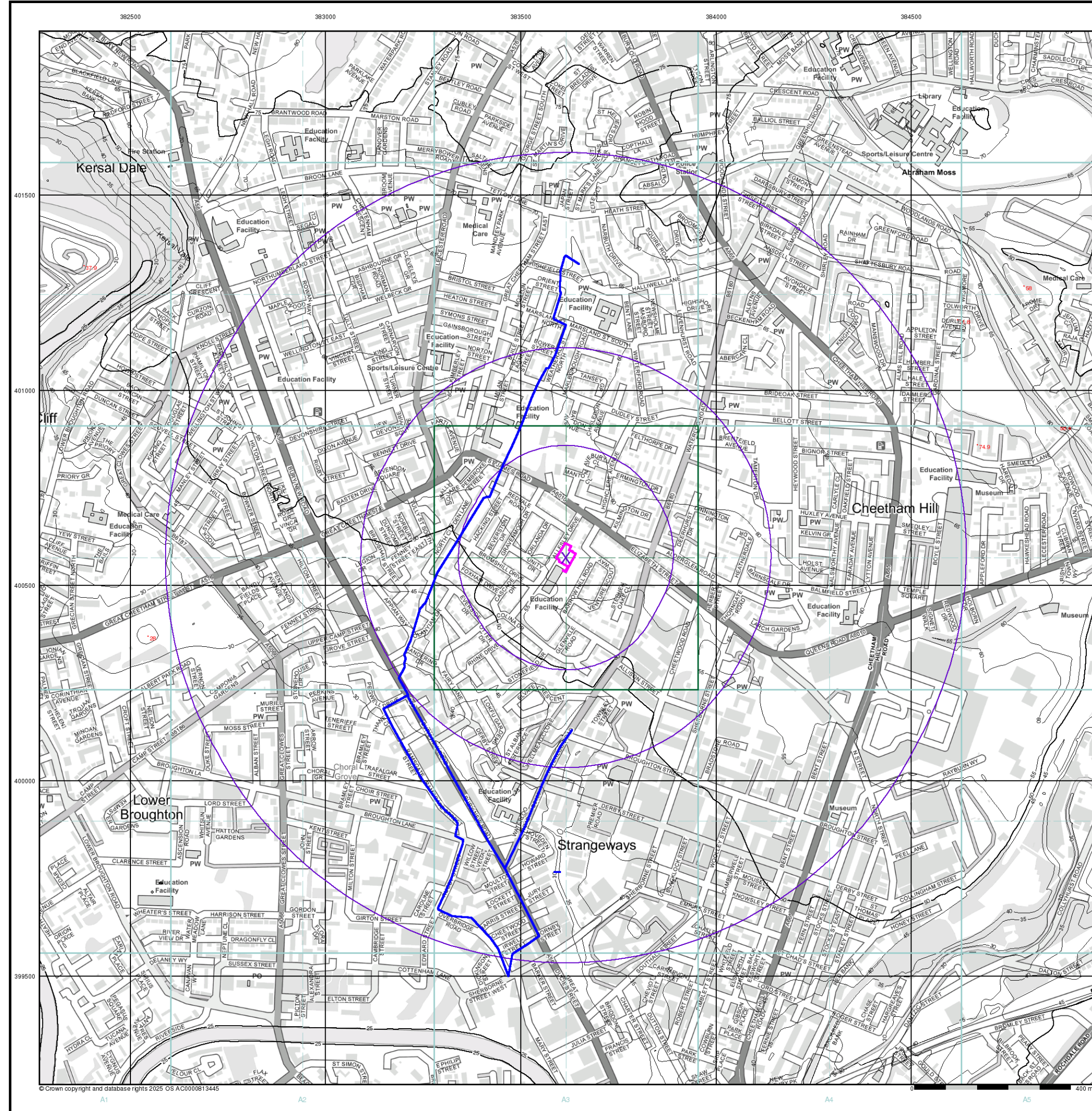


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

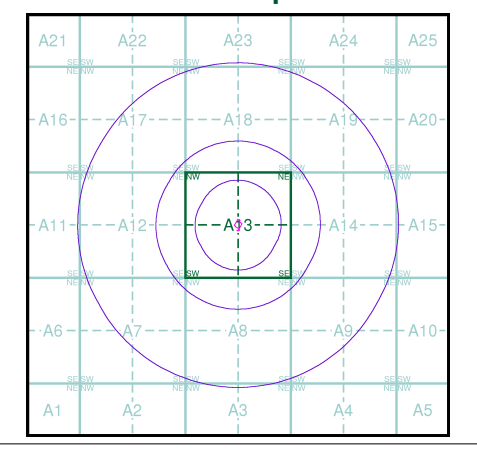
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

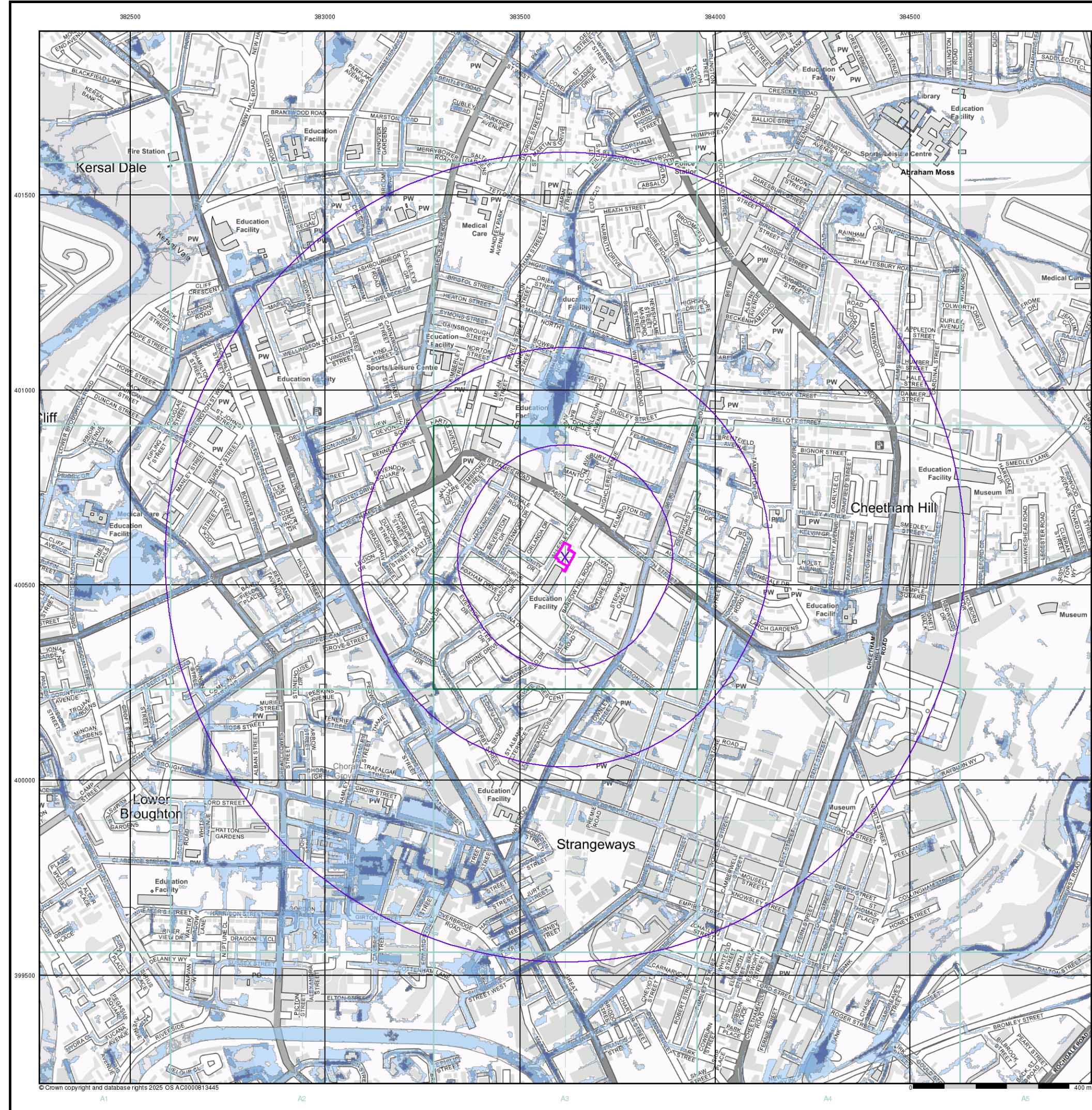
Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
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SALFORD, M7 4YE

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

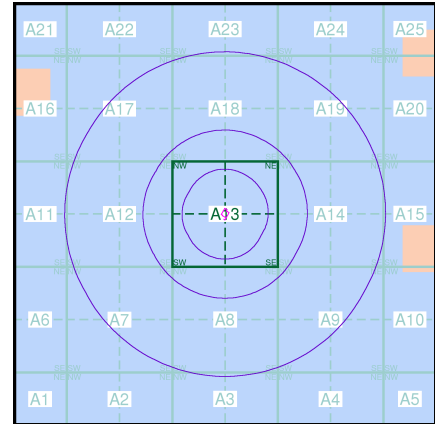
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

E/NRW Suitability Map - Slice A

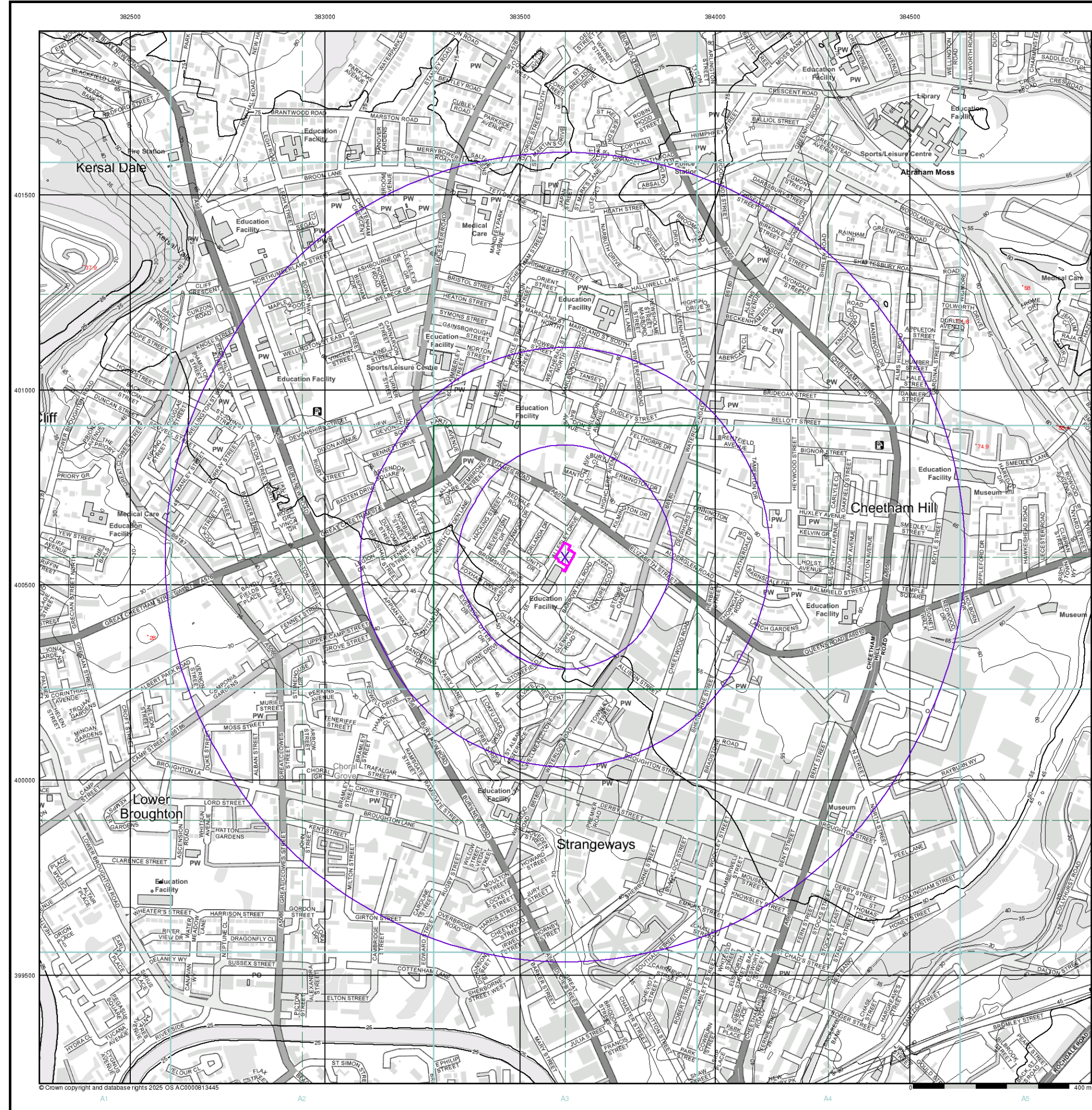


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



WFD Surface Waters Map

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

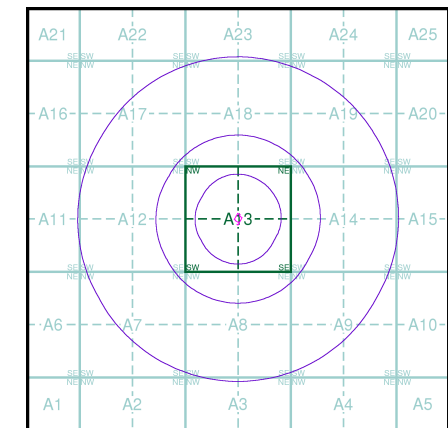
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

WFD Surface Waters Map - Slice A

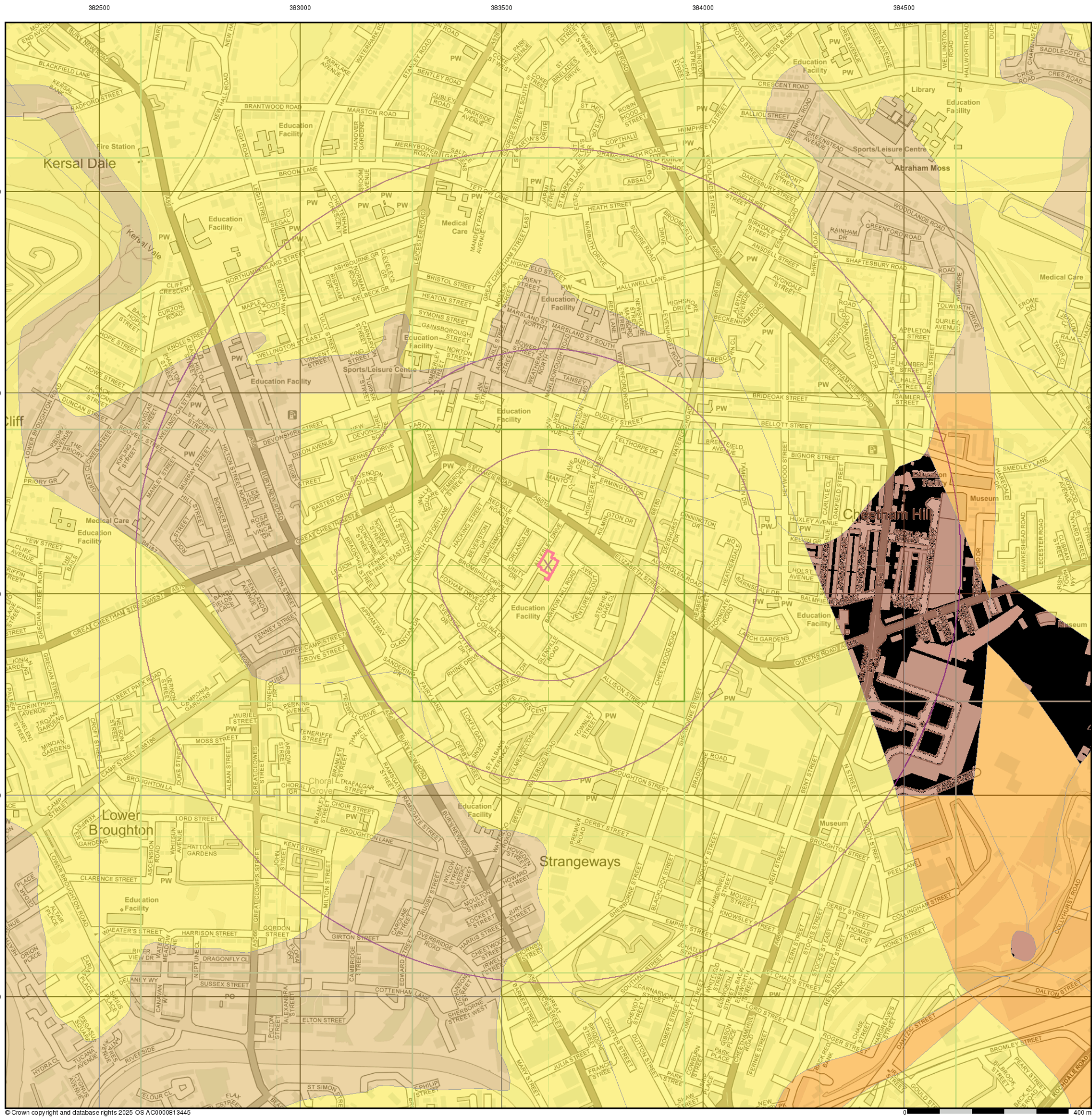


Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE



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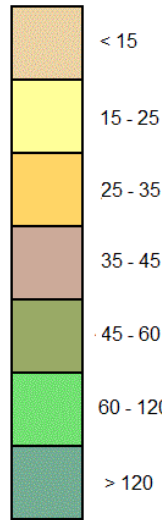
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General

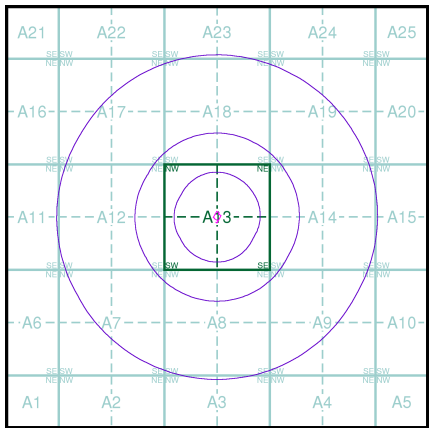
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

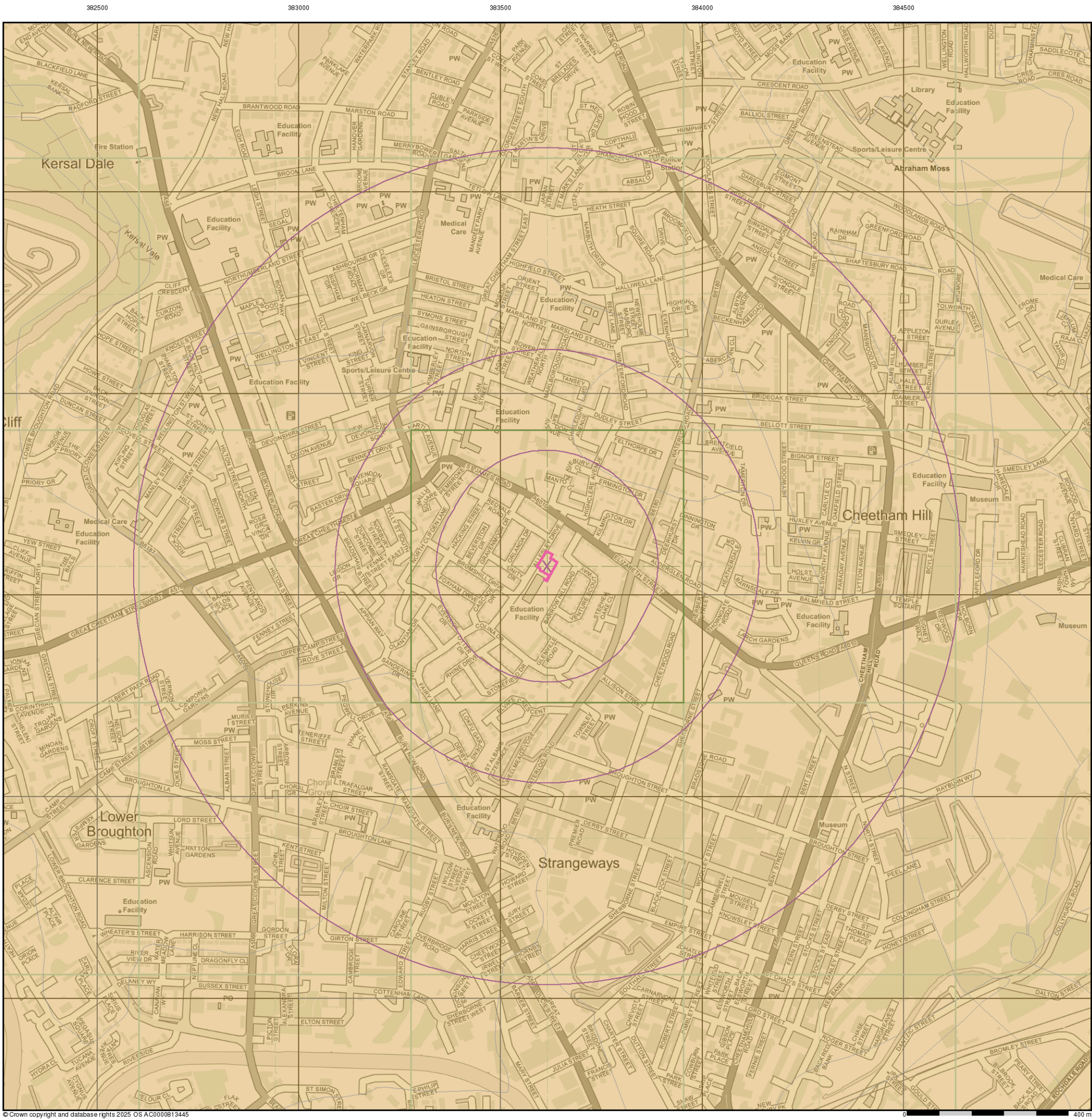
Order Details: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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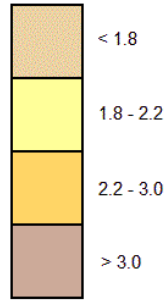
environmental • geotechnical • building fabric

General

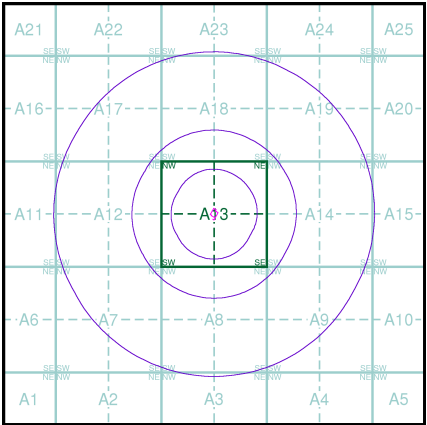
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

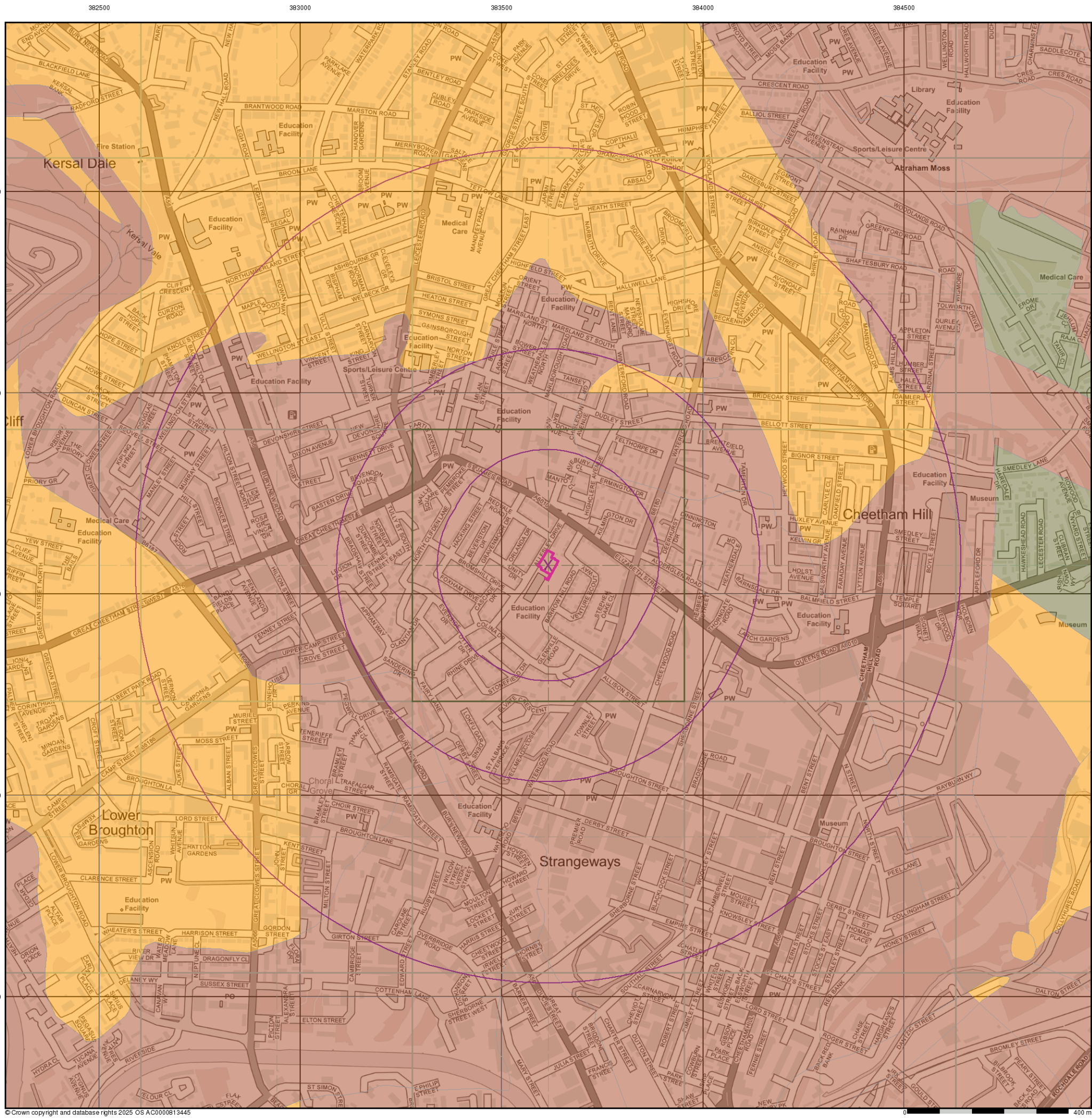
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National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Landmark
INFORMATION GROUP

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



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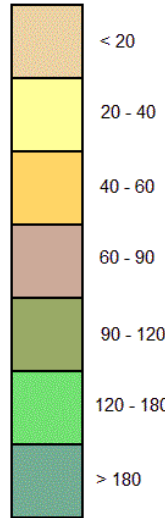
environmental • geotechnical • building fabric

General

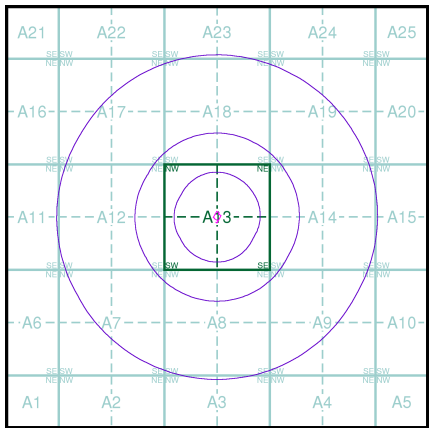
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Landmark
INFORMATION GROUP

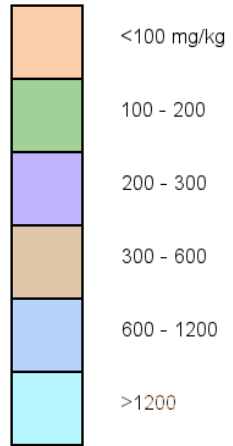
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

General

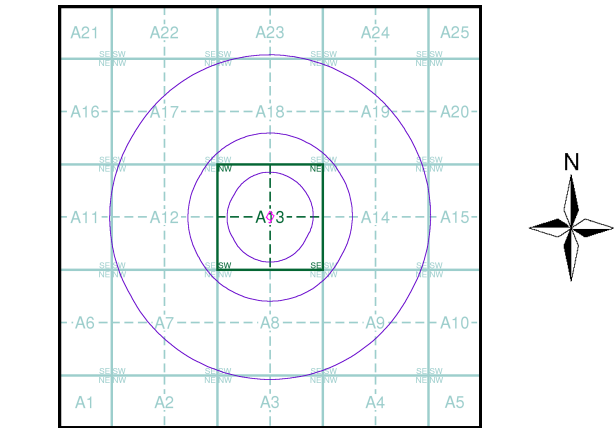
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

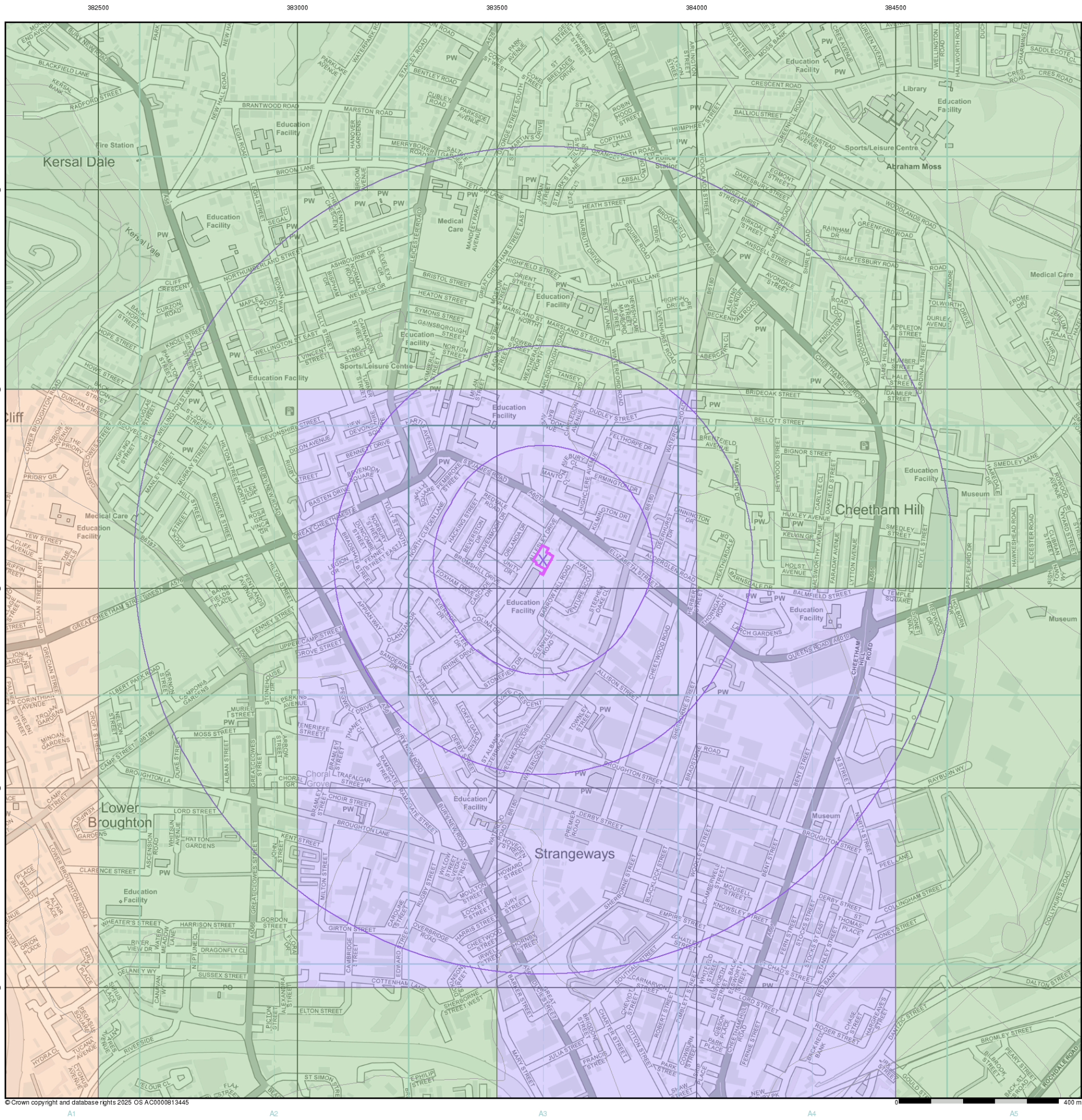


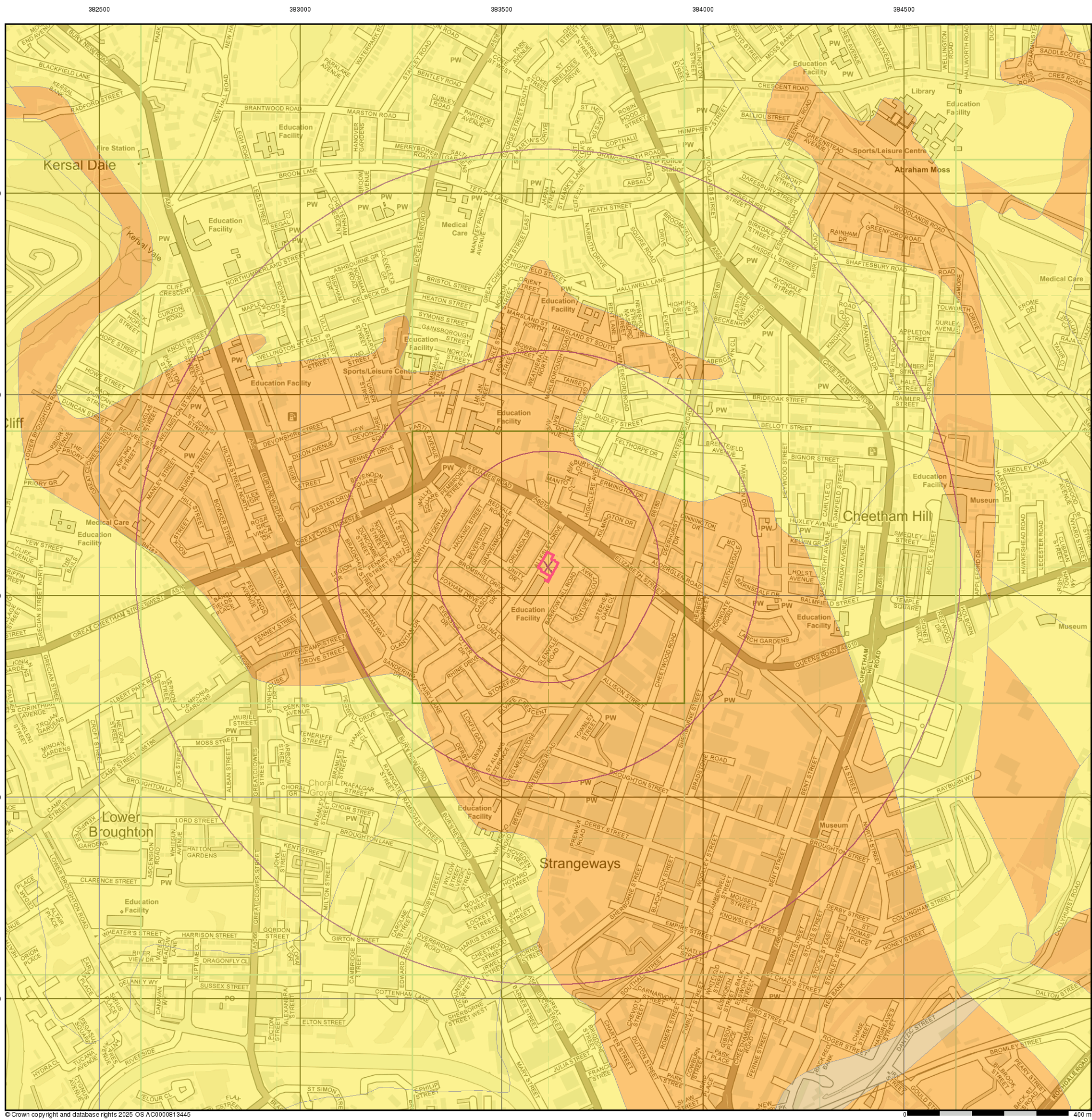
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Customer Ref: STX7023
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Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE





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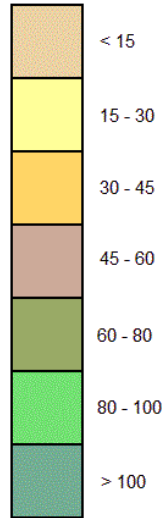
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General

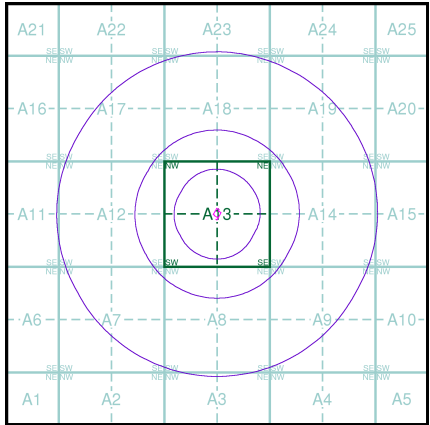
- Specified Site
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- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

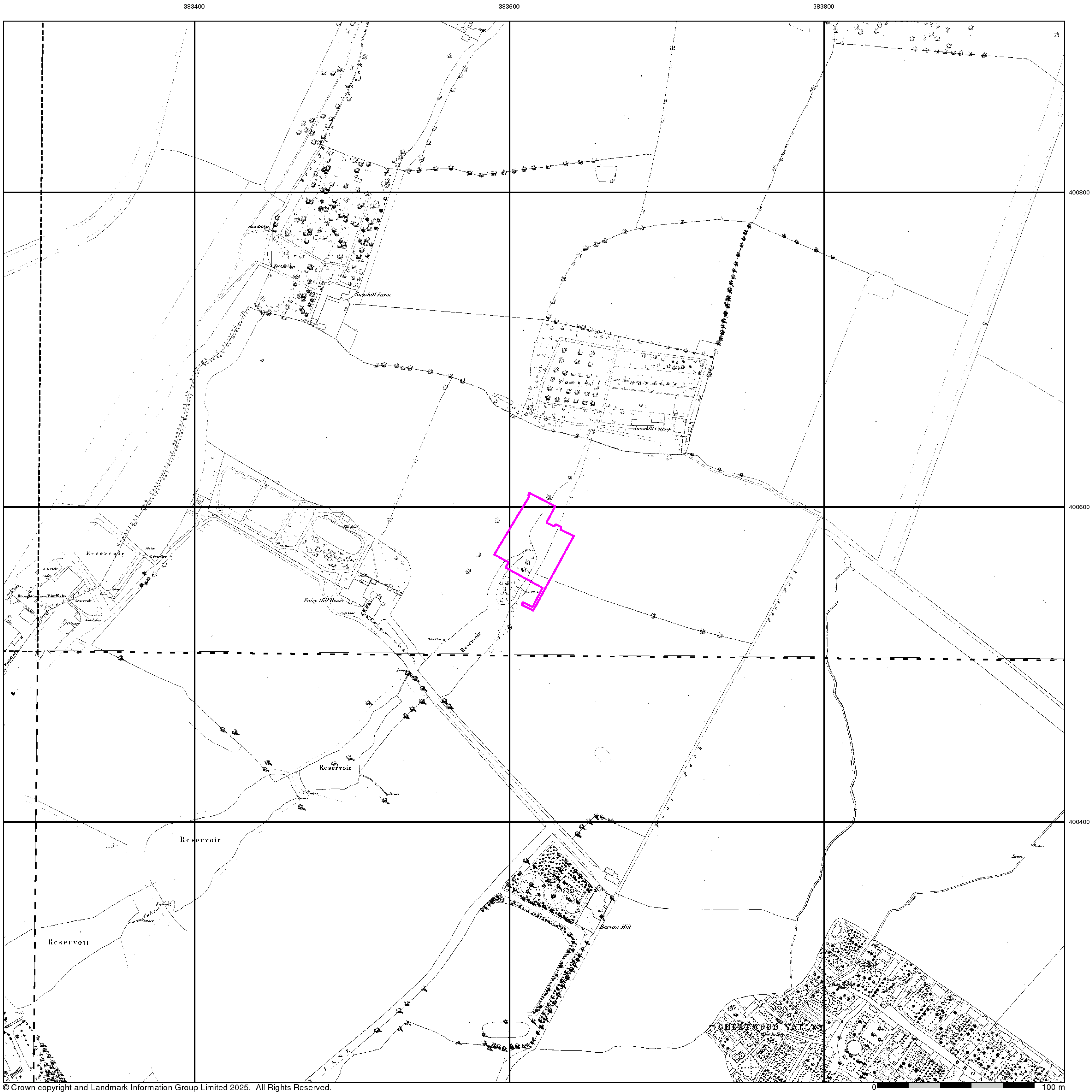
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Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
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Lancashire And Furness

Published 1850

Source map scale - 1:1,056

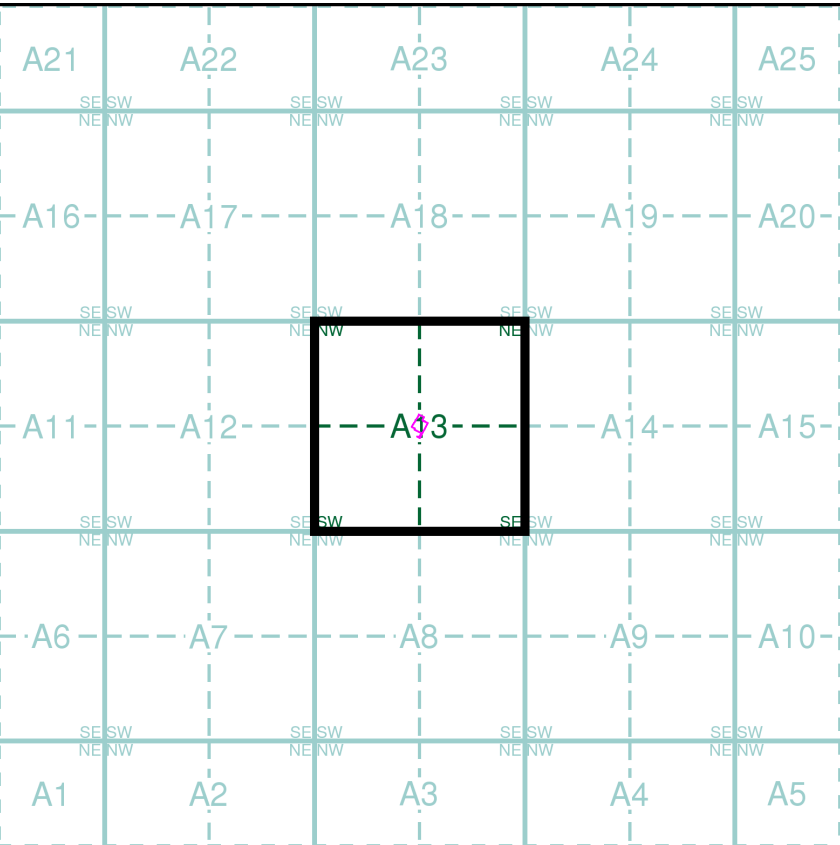
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and altitudes, was undertaken between 1848 and 1850. The majority of the 1:1056 surveys were later replaced by 1:500 surveys; although almost all the remainder were revised at this scale, sometimes more than once before 1895. The type of detail shown on the 1:1056 scale is broadly similar to that on 1:500; the apparent omission of minor details such as sewer access points and street lights may be as much a reflection of the generally earlier date of these plans, as of the specification of the map.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

000_00_006 1850 1:1,056	000_00_007 1850 1:1,056
000_00_010 1850 1:1,056	000_00_011 1850 1:1,056

Historical Town Plan - Segment A13



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 0

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Lancashire And Furness

Published 1890 - 1891

Source map scale - 1:500

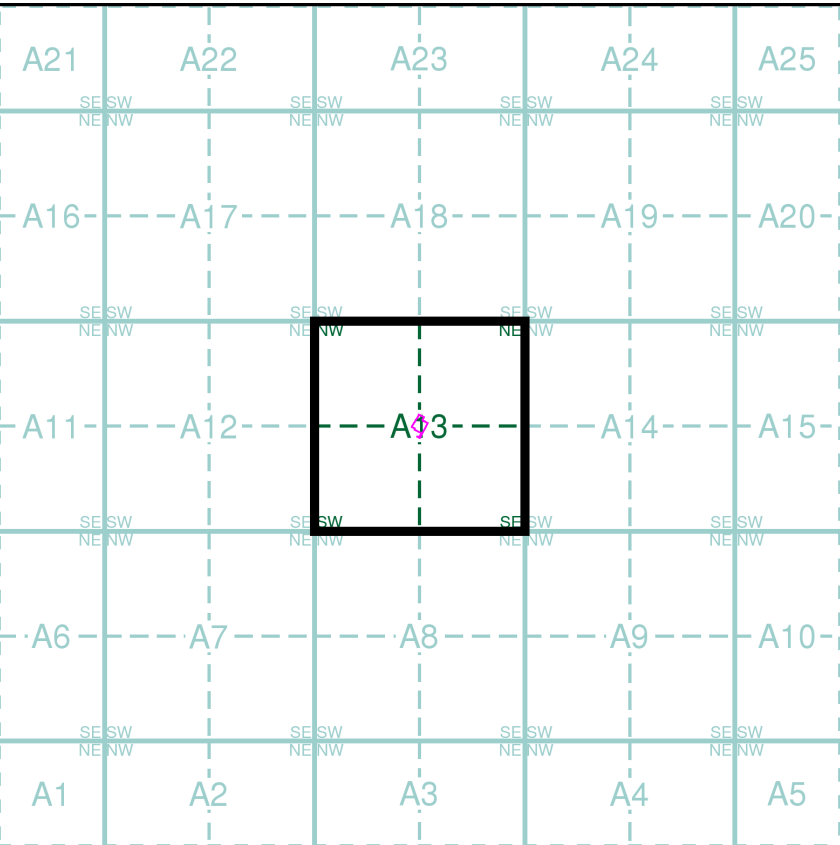
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

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1890	1890	1890
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Historical Town Plan - Segment A13



Order Details

Order Number: 375553210_1_1
Customer Ref: STX7023
National Grid Reference: 383620, 400570
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 0

Site Details

Unity Community Primary School, 41, Allesley Drive,
SALFORD, M7 4YE

Appendix D Preliminary Factual Ground Investigation Report, Integra Consulting Environmental Ltd

PRELIMINARY FACTUAL GROUND INVESTIGATION REPORT
AT
UNITY COMMUNITY PRIMARY, CHEETWOOD, MANCHESTER
FOR
ERIC WRIGHT CONSTRUCTION LTD.

Integra Consulting Environmental
Suite 4
14-32 Hewitt Street
Manchester
M15 4GB

Tel 0161-237-3400
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Ref: 2898
Rev: A
By: MC

Date: Sept 2015

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	5.2 Window Sample Holes
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1.0 **INTRODUCTION**

This Preliminary Ground Investigation Report has been prepared at the request of Eric Wright Construction Ltd as part of the EFA designated 'Feasibility Stage' for the project.

The site investigation works to date have incorporated the excavation of 10 No. shell and auger boreholes within close proximity of the existing and proposed building envelope and 20 No. window sample holes with dynamic probes undertaken within 17 No. across the entire site. Instruction to proceed with the site investigation works was received on the 18th June 2015. Intrusive site investigation works were undertaken between the 24th June and 17th July 2015.

The site covers an irregular shaped, roughly rectangular area of approximately 1.4 hectares and is located within a residential area of Cheetwood, approximately 2.1km to the north of Manchester town centre. The national Ordnance Survey grid reference for the centre of the site is E383523 N400550 and it is located at postcode M74YE. An aerial photograph of the site prior to works commencing and the site location plans are contained in Appendix 1.

The site is currently occupied by the Cheetwood Centre, a community centre with associated externals, soft landscaped areas and car parking to the south-west of the site with trees along the boundaries and a macadam footpath along the southern site boundary.

The community centre building consists of a two storey, irregular shaped brick structure with a tiled roof. Access to the community centre comes from Allesley Drive in the western extremity of the site and access to the recreational ground is obtained via Barrow Hill Road in the south-eastern site section through a padlocked section of the low perimeter fence.

The existing community centre building with associated car parking/externals is situated at a typical elevation of 54.8m above Ordnance Datum (AOD) and is typically flat across its course. The topography of the recreational ground falls steadily to the south from approximately 57.2m to 56.5m AOD. Elongated grassed bunds are

present along the north-western and south-eastern site boundaries elevated approximately 1m above the level of the recreational field. A large irregular shaped grassed mound is located in the southern site section which is elevated at approximately 2m above the recreational field. Slopes are present along the south-eastern and majority of the north-western site boundary down to the level of the abutting roads as well as from the recreational ground to the level of the community centre in the western site section and from the recreational field up to the level of the abutting residential housing to the north. The indicative topographical levels are included in the exploratory hole location plan attached in Appendix 2.

Shell and auger borehole works were carried out by DP Drilling Ltd and Danbar Drilling Services Ltd. Window sample works were undertaken by DP Drilling Ltd. Chemical laboratory testing of samples was carried out by Chemtest Ltd. in accordance with the Environment Agency's MCERTS (Monitoring Certification) quality assurance accreditation scheme and geotechnical laboratory testing of samples was carried out by Environmental Scientific Group Ltd. All of these companies were appointed directly by Integra Consulting to carry out these contracting works.

This report has superseded the original Integra Consulting Preliminary Ground Investigation report (dated August 2015) and was produced following the receipt of a topographical survey which was undertaken on an Ordnance Datum grid.

2.0 **BRIEF**

Based upon the previous site investigation works undertaken by EPS and the initial findings from the Integra Consulting desk study for the site, the brief was to carry out a factual geo-environmental ground investigation, as part of a feasibility development stage, to give indications of the underlying ground conditions for the land at Unity Community Primary, Cheetwood, Manchester within the permissible time period.

The extent of the existing site is shown on the site location plans and aerial photograph contained in Appendix 1.

The investigation was to include the following studies:

- a) Undertake intrusive investigation utilising shell and auger boreholes and window sample holes to establish the actual shallow geological conditions beneath the proposed site;
- b) Identify if any olfactory or visual evidence of contamination is present;
- c) On-site in-situ testing and laboratory testing of the soils to establish the geotechnical properties and probable concentrations of contamination;
- d) Provide an initial assessment of the geotechnical geological findings encountered during the preliminary investigation;
- e) Provide an initial assessment of the impact on development from the recorded concentrations of ground contamination detected during the preliminary investigations.

A detailed factual report was to be provided to summarise findings.

3.0 LIMITATIONS OF INVESTIGATION WORK AND REPORT

Exploratory Holes

Where exploratory holes have been carried out as part of this investigation, the spacing has been determined to provide a reasonable indication of the general ground conditions across the site, but the number has ultimately been limited by commercial and time constraints. The findings of the exploratory holes relate specifically to the exploratory hole locations and are no absolute guarantee of the ground conditions between such locations. Due allowance should be made for the possibility of variation in conditions between exploratory hole locations when preparing any assessments of the final geotechnical proposals.

Proposed Development

This report has been completed on the basis of the proposed development layout. Consequently, further works may be required if significant alterations to this proposed development are undertaken.

4.0 THIRD PARTIES

This report has been prepared for the sole use of Eric Wright Construction Ltd. It must not be copied or passed onto any third party or used for any purpose other than which it was prepared without the permission of the author. This report is copyright.

5.0 SCOPE OF INVESTIGATION WORK

Shell and auger boreholes were undertaken to investigate the underlying ground and groundwater conditions at the site and for the collection of solid samples for chemical and geotechnical laboratory UKAS Accredited testing. All exploratory hole logs were recorded in line with BS 5930 (1999) and the more recent BS EN ISO 14688 (2004) and BS EN ISO 14689 (2003).

5.1 Shell and Auger Boreholes

10 No. shell and auger boreholes were constructed to a maximum depth of 20.50m bgl, ensuring that the depth of any made ground deposits was established and exposing the natural underlying strata directly below, where possible. Due to the nature of the ground conditions, 200mm boreholes were utilised to a maximum depth of 10.20m bgl, with 150mm diameter continuing to a maximum depth of 20.50m bgl. Shell and auger borehole construction was carried out between 24th June and 17th July 2015.

6 No. of the shell and auger boreholes were installed with a standpipe to allow the monitoring, if present, of the underlying groundwater depth together with ground gas concentrations. The standpipe details are discussed in Section 5.3.

The locations of the shell and auger boreholes are shown on the exploratory hole plans in Appendix 2 and the shell and auger borehole logs are contained in Appendix 3.

5.2 Window Sample Holes

20 No. window sample holes were constructed to a maximum depth of 7.0m bgl. The dynamic probe attachment was utilised from the base of the window sample holes to a maximum depth of 13.0m bgl. Window sample hole construction undertaken between 29th June and 10th July 2015.

The window sample and dynamic probe logs are attached in Appendices 4 and 5 respectively.

5.3 Site Testing

The following site tests were carried out:

- a) Retrieval of 1Kg and Bulk samples of soil from varying depths at shell and auger borehole locations across the site for the purpose of laboratory testing.
- b) Retrieval of undisturbed samples within plastic liners at window sample locations.
- c) Standard Penetration Tests (SPT's) were undertaken whenever granular material (made ground and granular deposits) was encountered and at regular intervals within cohesive material (made ground and natural clays), principally where granular secondary constituents were present. SPT's were undertaken at depths between 1.00m and 20.45m bgl within both shell and auger borehole and window sample holes.
- d) Dynamic probe testing was undertaken between depths of 3.0m and 13.0m bgl.
- e) Undisturbed samples (U100) were obtained from the underlying natural cohesive deposits (where possible) at depths of between 6.50m and 19.45m bgl.
- f) Shell and auger boreholes BH1, BH3G, BH4, BH7, BH8 and BH10 were installed with groundwater and ground gas monitoring wells. The wells in BH1, BH3G and BH10 were installed with response zones (slotted pipe) located between 1.00m and 2.00m bgl (between 55.60m and 52.80m AOD) to a depth of 9.00m bgl (between 47.70m and 45.80m AOD). The remaining BH4, BH7 and BH8 were installed with response zones located between 7.00m and 9.00m bgl (between 48.55m and 45.90m AOD) to a depth of between 15.00m and 16.00m bgl (between 41.55m and 38.90m AOD). All installations were constructed in accordance with the details specified in BS1377 (1990). The monitoring wells comprised of a minimum 1.00m upper section of 50mm diameter HDPE plain pipe and lower sections of 50mm diameter HDPE slotted pipe with bentonite seals top and bottom. The monitoring wells were topped with a flush lockable cover.

5.4 Geotechnical Laboratory Testing

The following geotechnical laboratory tests were carried out on selected samples obtained from across site:

- a) Determination of particle size analysis by dry / wet sieving in accordance with BS1377 Part 2 1990 undertaken between 0.5m and 19.5m bgl.
- b) Sedimentation analysis by hydrometer method in accordance with BS1377: Part 2 – 9.2 & 9.5 (1990) undertaken between 0.5m and 19.5m bgl.
- c) Determination of moisture content, liquid limit and plastic limit in accordance with BS1377 Part 2, Methods 4.3, 4.4, 5.3 and 5.4 (1990) undertaken between 0.30m and 19.50m bgl.
- d) Determination of undrained shear strength in both multi stage and single stage triaxial compression in accordance with BS1377 Part 7, Method 8 (1990) undertaken between 6.5m and 19.45m bgl.
- e) Determination of moisture condition value (MCV) in accordance with BS1377 Part 4, Method 5.4 (1990) undertaken between 0.3m and 1.0m bgl.
- f) Determination of consolidation properties (Oedometer) in accordance with BS1377 Part 5, Method 3.0 (1990) undertaken between 0.3m and 1.4m bgl.

The results of the geotechnical laboratory tests are contained in Appendix 7.

5.5 Chemical Laboratory Testing

40 No. soil and 5 No. leachate samples were obtained from shell and auger borehole and window sample hole construction. These samples were placed into sterile sealed containers to facilitate MCERTS chemical laboratory testing of potential contaminants. Soil samples were collected in the appropriate containers as follows:

- 250g sealed glass container for analysis of PAHs (Polynuclear Aromatic Hydrocarbons) and extractable hydrocarbons;
- 60g sealed glass container for analysis of VOCs (Volatile Organic Compounds).

Samples were grouped by strata and depth. See Section 6.1 for description of the ground conditions. The following samples were obtained:

- 3 No. Topsoil samples
- 13 No. Reworked clay / sand
- 10 No. Landfill deposits
- 8 No. Suspected landfill / glacial Till interface
- 7 No. Natural deposits

6 No. liquid samples were placed into sterile sealed containers to facilitate MCERTS chemical laboratory testing of potential contaminants. These samples were collected in the appropriate containers as follows:

- 2 No. 1 litre sealed Winchester with PFTE (polytetrafluoroethylene) lined cap for analysis of water samples including TPH (Total Petroleum Hydrocarbons), PAHs, SVOCs (Semi-volatile Organic Compounds) and PCBs (Polychlorinated Biphenyls);
- 2 No. 40ml EPA glass vial with PTFE lined cap for analysis of VOCs.

Samples of groundwater were collected from BH4, BH7 and BH8 on 29th July and BH1, BH3G and BH10 on 4th August 2015.

The results of the chemical laboratory tests are contained in Appendix 6. At the time of writing there are outstanding test results from the second monitoring visit. These will be included in a future revision to the Phase 2 Environmental Ground Investigation report.

5.6 Rationale of Exploratory Hole Locations

- BH1 – BH6 were located within close proximity of the proposed building envelope (on the basis of the proposed development plan attached in Appendix 8) in order to investigate the suspected subterranean slope/landfill, delineate the natural glacial till, undertake geotechnical testing in order to inform pile design and to allow the installation of ground gas and groundwater monitoring wells.
- BH7 – BH10 were located within close proximity of the existing community

centre building in order to further investigate the suspected subterranean slope/landfill, undertake geotechnical testing in order to investigate the possible foundation solution of the existing building and to allow the installation of ground gas and groundwater monitoring wells.

- WS1 – WS20 with were located across the entire site in order to collect samples for chemical laboratory testing. It should be noted that due to time constraints, a dynamic probe was utilised in 17 No. to delineate the natural glacial till and to collect further geotechnical data, verifying with the shell and auger boreholes.

Trial pits were not deemed appropriate due previously recorded risk of cross contamination of surface materials as well as logistical issues with reinstatement associated with landfill deposits in potentially sensitive areas e.g. health and safety concerns.

6.0 **FINDINGS**

6.1 **Ground Conditions**

6.1.1 **Shell and Auger Boreholes**

The typical ground conditions encountered across the site during the construction of the 10 No. shell and auger boreholes are as follows:

TOPSOIL:

- MADE GROUND comprising MACADAM to a depth of 0.10m bgl or TOPSOIL with frequent rootlets with rare gravel of red brick and concrete to a depth of between 0.10m and 0.35m bgl (between 56.65m and 54.50m AOD), underlain by;

REWORKED CLAY / SAND:

- MADE GROUND comprising medium dense, brown to dark brown, silty, clayey, gravelly SAND with occasional whole and half bricks and typical gravel constituents consisting of red brick, concrete and asphalt to a depth of between 0.80m and 2.40m bgl (between 55.30m and 52.45m AOD), with thicknesses ranging between 0.55m to 2.30m, underlain by;

LANDFILL DEPOSITS:

- MADE GROUND comprising loose, dark brown to black, slightly clayey, very gravelly SAND with occasional whole and half bricks and concrete cobbles. Gravel constituents within this strata predominantly consist of red brick, concrete, slag and asphalt with sand frequently comprising over 50% ash. Damp to wet in places with occasional soft to firm gravelly clay (fill) layers throughout. Strata encountered to a depth of between 2.90m and 10.20m bgl (between 51.70m and 46.10m AOD), with thicknesses ranging between 1.50m and 8.20m, underlain by;

SUSPECTED LANDFILL / NATURAL GLACIAL TILL INTERFACE:

- MADE GROUND comprising loose, damp to wet, greyish brown, stained black in places, silty, slightly sandy, slightly gravelly CLAY. Gravel constituents predominantly consist of red brick, concrete, slag, sandstone with occasional

wood and coal. Slight humic or hydrocarbon odour in places. Strata encountered to depths of between 4.80m and 10.20m bgl (between 49.80m and 46.10m AOD), with thicknesses ranging between 0.60m and 3.40m, underlain by;

NATURAL DEPOSITS:

- Natural deposits comprising firm, brown, slightly sandy, silty CLAY with rare gravel of angular, fine mudstone and coal with occasional sand bands throughout to a depth of between 11.80m to 13.50m bgl (between 44.85m and 42.90m AOD), with thicknesses ranging between 1.70m and 5.50m, underlain by;
- Natural deposits comprising loose to medium dense, wet, brown, sandy SILT or silty SAND to a depth of between 12.40m and 14.50m bgl (between 43.20m and 42.15m AOD), with thicknesses between 0.50m and 1.60m, underlain by;
- Firm to stiff, brown, slightly sandy, silty CLAY with rare gravel, laminated on occasions or very gravelly and very stiff. Strata encountered to termination of bore holes at depths between 8.50m and 20.50m bgl (between 46.10m and 35.90m AOD) with thicknesses ranging between 2.10m and 6.70m, where shell and auger boreholes were terminated.

Groundwater was encountered within 9 No. of 10 No. shell and auger boreholes. Refer to Section 6.5 for further details.

For detailed, specific descriptions of the underlying strata, please refer to the exploratory hole location plan within Appendix 2 and the shell and auger borehole logs contained within Appendix 3.

6.1.2 Window Sample Holes

The typical ground conditions encountered across the site during the construction of the 10 No. window sample holes are as follows:

TOPSOIL:

- MADE GROUND consisting of grassed TOPSOIL to a depth of between 0.05m and 0.50m bgl (between 58.90m and 56.40m AOD), underlain by;

REWORKED CLAY / SAND:

- MADE GROUND consisting of soft to firm, brown, slightly sandy, slightly gravelly CLAY OR loose to medium dense, brown, clayey, SAND or GRAVEL with occasional whole and half bricks and occasional ash and brick layers. Gravel constituents consist of predominantly red brick, concrete, slag to a depth of between 0.65m and 2.00m bgl (between 56.90m and 53.80m AOD), with thicknesses ranging between 0.70m and 1.95m, underlain by;

LANDFILL:

- MADE GROUND consisting of loose to medium dense, clayey, silty, gravelly SAND or sandy GRAVEL with frequent soft, dark grey, silty CLAY layers, occasional whole and half brick and occasional layers of ash. Gravel consists predominately of slag, red brick, concrete. Hydrocarbon staining and hydrocarbon / humic odour in places to a depth of between 3.00m and 7.00m bgl (between 54.25m and 49.80m AOD), with thicknesses ranging between 1.00m and 5.20m, where window sample holes were terminated.

Instances of deviation from the above profile are as follows:

- Natural firm, slightly damp, brown, silty CLAY was encountered within WS1 beneath the loose sand and gravel deposits at 5.30m bgl (52.70m AOD).
- For window samples located on suspected made ground stockpiles (WS1, WS4, WS5, WS14, WS15 and WS20), the upper made ground layer detailed above, consisting of soft to firm, slightly sandy, slightly gravelly CLAY or loose to medium dense, clayey SAND had a thickness of up to 4.00m bgl.

It should be noted that the dynamic probe were utilised from the base window sample holes on 17 No. occasions. These logs are attached in Appendix 5.

A natural glacial Till depth contour plan is contained in Appendix 10 which utilises the depth to natural strata as obtained from exploratory holes.

Summary

A simplified summary of the strata encountered across the site is provided below:

Geological Strata	Depth Range To Base Of Strata (mbgl)	Strata Thickness Range (m)
TOPSOIL / MACADAM	0.05 – 0.50	0.05 – 0.50
REWORKED CLAY / SAND	0.80 – 2.40	0.55 – 2.30
LANDFILL	4.80 – 10.20	3.10 – 8.30
SUSPECTED LANDFILL / NATURAL GLACIAL TILL INTERFACE	3.50 – 7.80	0.60 – 2.20
NATURAL DEPOSITS	>20.50	>2.00

6.2 Site Testing

Standard Penetration Tests

Standard Penetration Tests (SPTs) were undertaken in-situ across the site at regular intervals within the underlying cohesive (clay) deposits; principally where granular secondary constituents were present and whenever granular (natural sands and gravels) deposits were encountered.

The following table outlines the SPT N-Values for the various deposits encountered during the site investigation works.

Deposit Type	Depth Range (mbgl)	SPT N-Value Range
REWORKED CLAY/SAND	1.00 – 1.45	17 – 18
LANDFILL	1.70 – 9.45	2 – 17*
SUSPECTED LANDFILL / NATURAL GLACIAL TILL INTERFACE	3.50 – 7.80	5 – 13
NATURAL DEPOSITS	5.00 – 20.45	6 – 50+

6.3 Geotechnical Laboratory Testing

The results of the geotechnical laboratory testing are summarised below.

Reworked Clay / Sand: 0.10m – 2.40m bgl

Testing	Minimum	Maximum	Mean	Minimum Location & Depth (mbgl)	Maximum Location & Depth (mbgl)
Moisture Contents	12.0%	19.0%	15.5%	BH1 at 1.50-2.00	WS2 at 0.30-1.00
Liquid Limits	37.0%	55.0%	45.1%	WS5 at 0.30-0.80	BH3G at 1.50-2.00
Plastic Limits	23.0%	36.0%	29.1%	WS2 at 0.30-1.00	BH3G at 1.50-2.00
Plasticity Indices	12.0%	20.0%	16.0%	WS5 at 0.30-0.80	BH6 at 1.50
Moisture Condition Value (MCV)	8.8%	12.4%	11.35%	BH4 at 0.50-1.00	WS19 at 0.30-1.00

Natural Deposits: 4.80m – 20.50m bgl

Testing	Minimum	Maximum	Mean	Minimum Location & Depth (mbgl)	Maximum Location & Depth (mbgl)
Moisture Contents	14.0%	27.0%	19.0%	BH3G at 15.00-15.50 BH5A at 19.00-19.50	BH8 at 12.00-12.50
Liquid Limits	24.0%	38.0%	31.4%	BH2 at 9.50-10.00	BH6 at 17.50-18.00
Plastic Limits	14.0%	21.0%	16.8%	BH5A at 19.00-19.50	BH8 at 12.00-12.50
Plasticity Indices	8.0%	20.0%	14.7%	BH8 at 12.00-12.50	BH6 at 17.50-18.00

Multi stage triaxial tests were conducted on undisturbed samples of natural clay that were obtained from shell and auger boreholes from across the site recorded the following:

Sample Location and Depth	Shear Strength (kPa) Range	Cell Pressure (kPa) Range
BH1 at 10.50m – 10.95m bgl (45.75m – 45.30m AOD)	54.9 – 72.0	105 - 420
BH2 at 9.50m – 9.95m bgl (47.25m – 46.80m AOD)	36.8 – 45.9	190 - 760
BH2 at 14.00m – 14.45m bgl (42.75m – 42.30m AOD)	190.9 – 210.8	140 - 280
BH3G at 15.00m – 15.45m bgl (41.60m – 41.15m AOD)	55.1 – 82.2	150 - 600
BH4 at 8.50m – 8.95m bgl (48.05m – 47.60m AOD)	15.2 – 23.6	170 - 680
BH4 at 12.50m – 12.95m bgl (44.05m – 43.60m AOD)	51.3 – 64.3	125 - 500
BH5A at 11.00m – 11.45m bgl (45.75m – 45.30m AOD)	19.3 – 25.8	110 - 440
BH5A at 19.00m – 19.45m bgl (37.75m – 37.30m AOD)	171.6 – 178.4	190 - 760
BH6 at 13.50m – 13.95m bgl (43.20m – 42.75m AOD)	6.3 – 11.7	135 - 540
BH7 at 6.50m – 6.95m bgl (48.35m – 47.90m AOD)	138.3 – 144.7	130 - 520
BH7 at 10.50m – 10.95m bgl (44.35m – 43.90m AOD)	77.3 – 88.6	105 - 420
BH8 at 10.00m – 10.45m bgl (44.90m – 44.45m AOD)	49.9 – 68.7	200 - 800
BH10 at 9.50m – 9.95m bgl (45.30m – 44.85m AOD)	26.3 – 61.4	190 - 760

Single stage triaxial tests were conducted on undisturbed samples of natural CLAY that were obtained from shell and auger boreholes from across the site recorded the following:

Sample Location and Depth	Shear Strength (kPa)	Cell Pressure (kPa)
BH1 at 17.50m – 17.95m bgl (39.20m – 38.75m AOD)	207	350
BH3G at 13.00m – 13.45m bgl (43.60m – 43.15m AOD)	24	260
BH4 at 16.50m – 16.95 bgl (40.05m – 39.60m AOD)	233	330
BH6 at 17.50m – 17.95m bgl (39.20m – 38.75m AOD)	130	350
BH8 at 12.00m – 12.45m bgl (42.90m – 42.45m AOD)	20	240

One Dimensional Consolidation (oedometer) tests were undertaken on undisturbed samples of shallow made ground that were obtained during window sample construction. One Dimensional Consolidation test recorded the following compressibility (m_v) and consolidation (c_v) coefficients for the pressure 50kPa and rebound pressure 20kPa:

Sample Location and Depth	M_v (m^2/MN) Coefficient	C_v ($m^2/year$) Coefficient	M_v (m^2/MN) Coefficient (Rebound)	C_v ($m^2/year$) Coefficient (Rebound)
WS2 at 0.30m – 1.00m bgl (56.75m – 56.05m AOD)	0.20	156.70	0.12	109.48
WS17 at 1.00m – 1.40m bgl (56.25m – 55.85m AOD)	0.31	39.55	0.05	158.28
WS19 at 0.30m – 1.00m bgl (56.25m – 55.55m AOD)	0.15	147.83	0.02	233.30

It should be noted that a pressure range of 10kPa to 50kPa and rebound pressure range of 10kPa to 20kPa was tested, however only 50kPa and 20kPa (rebound) returned results.

Particle Size Distribution (PSD) and Sedimentation PSD Hydrometer tests undertaken on disturbed samples that were obtained from across the site recorded the following:

Deposit Type	Gravel Range (%)	Sand Range (%)	Silt Range (%)	Clay Range (%)
REWORKED CLAY / SAND	0 – 49	35 – 56	11 – 33	5 – 21
NATURAL DEPOSITS: Glacial Till	0 – 1	12 – 48	33 – 42	18 – 48
NATURAL DEPOSITS: Silt/Sand	0 – 2	1 – 24	52 – 80	18 – 24

The geotechnical laboratory testing is contained within Appendix 7.

6.4 Chemical Laboratory Test Results

The results of the laboratory tests undertaken as part of the site investigation works on the solid samples are contained in Appendix 6. The results have been grouped by strata and depth and the concentrations of contaminants are summarised in the tables below.

The results of chemical testing were compared to the soil guidance values for a residential land use without home grown produce. Where SGVs are not available, S4UL / C4SL values have been used instead. The residential land use scenario is expected to be more conservative than necessary, however given the sensitive nature of the end land use, it has been deemed appropriate to overestimate the risk of exposure to the critical receptor.

Solid Contamination Results

Ground Level to 0.5m bgl

In addition to the exceedances detailed in the tables below, the previous site investigation undertaken by EPS in January 2015 identified the following:

- 4 No. of 9 No. samples identified asbestos.
- In addition, the following exceedances were:
 - o 1 exceedance of Benzo[a]anthracene
 - o 4 exceedances of Dibenzo(ah)anthracene
 - o 3 exceedances of Lead

The results of the chemical laboratory testing from the Integra Consulting Environmental Ground Investigation are as follows:

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Asbestos & Inorganics					
Asbestos ID / Quantification	16	1 No. Fibre bundles/ free fibres – 0.003%	-	-	-
Water Soluble Sulphate as SO4 2:1 Extract g/l	16	<0.01 – 0.24	0.03	-	-
Soil Organic Matter (%)	16	3.5 – 13.8	5.19	-	-
pH	16	7.5 – 8.6	8.11	-	-
Cyanide, Total	16	<0.5	0.5	25 ⁽³⁾	-
Cyanide, Free	16	<0.5 – 1.8	0.58	25 ⁽³⁾	-
Nitrate as NO3 2:1 water soluble	16	<0.01	0.01	-	-
Metals & Semi Metals					
Arsenic	16	8.6 - 44	20.58	32	-
Barium	16	150 – 410	250.63	1300 ⁽³⁾	-
Beryllium	16	<1.0 – 1.3	1.04	1.7 ⁽¹⁾	-
Cadmium	16	0.17 – 0.98	0.47	85 ⁽¹⁾	-
Chromium	16	18 – 77	29.69	910 ⁽¹⁾	-
Hexavalent Chromium	16	<0.5	<0.5	6 ⁽¹⁾	-
Copper	16	32 – 190	84.13	7100 ⁽¹⁾	-
Lead	16	71 – 336	176.06	200 ⁽²⁾	WS13 @ 0.2m (210 mg/kg), WS17 @ 0.1m (230 mg/kg), WS1 @ 0.4m (320 mg/kg)
Mercury	16	0.2 – 0.99	0.38	1	-
Nickel	16	12 - 45	24.50	130	-
Selenium	16	<0.20 – 0.5	0.20	350	-
Vanadium	16	18 – 49	26.56	1200 ⁽¹⁾	-
Water Soluble Boron	16	0.4 – 0.84	0.49	11000 ⁽¹⁾	-
Zinc	16	80 – 290	144.13	40000 ⁽¹⁾	-

Total Petroleum Hydrocarbons					
Aliphatics >C5-C6	2	<0.1	-	42 ⁽¹⁾	-
Aliphatics >C6-C8	2	<0.1	-	100 ⁽¹⁾	-
Aliphatics >C8-C10	2	<0.1	-	27 ⁽¹⁾	-
Aliphatics >C10-C12	2	<1.0	-	130 ⁽¹⁾	-
Aliphatics >C12-C16	2	<1.0	-	1100 ⁽¹⁾	-
Aliphatics >C16-C21	2	<1.0	-	65000 ⁽¹⁾	-
Aliphatics >C21-C35	2	<1.0	-	65000 ⁽¹⁾	-
Aliphatics >C35-C44	2	<1.0	-	65000 ⁽¹⁾	-
Aromatics >EC5-EC7	2	<0.1	-	370 ⁽¹⁾	-
Aromatics >EC7-EC8	2	<0.1	-	860 ⁽¹⁾	-
Aromatics >EC8-EC10	2	<0.1	-	47 ⁽¹⁾	-
Aromatics >EC10-EC12	2	<1.0	-	250 ⁽¹⁾	-
Aromatics >EC12-EC16	2	8.5 – 9	8.75	1800 ⁽¹⁾	-
Aromatics >EC16-EC21	2	9.1 - 20	14.55	1900 ⁽¹⁾	-
Aromatics >EC21-EC35	2	16 - 47	31.50	1900 ⁽¹⁾	-
Aromatics >EC35-EC44	2	<1.0 – 1.7	1.35	1900 ⁽¹⁾	-
Total Aliphatics & Aromatics >C5-C44	2	34 - 78	56.00	-	-
TPH Screen (>C6-C40)	14	10 – 870	218.64	-	-

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Polynuclear Aromatic Hydrocarbons					
Naphthalene	16	<0.1 – 3.8	0.91	5.6 ⁽¹⁾ (2.5% SOM)	-
Acenaphthylene	16	<0.1 – 0.47	0.20	2900 ⁽¹⁾	-
Acenaphthene	16	<0.1 – 4.2	1.29	3000 ⁽¹⁾	-
Fluorene	16	<0.1 – 3.5	1.17	2800 ⁽¹⁾	-
Phenanthrene	16	0.69 – 32	12.39	1300 ⁽¹⁾	-
Anthracene	16	<0.1 – 7.2	2.30	31000 ⁽¹⁾	-
Fluoranthene	16	1.2 – 43	16.13	1500 ⁽¹⁾	-
Pyrene	16	1.2 – 38	14.56	3700 ⁽¹⁾	-
Benzo(a)anthracene	16	0.18 – 23	7.62	14 ⁽¹⁾ (2.5% SOM)	WS12 @ 0.5m (18mg/kg), WS13 @ 0.2m (19 mg/kg), WS15 @ 0.4m (23 mg/kg), WS17 @ 0.1m (19mg/kg)
Chrysene	16	0.12 – 21	7.44	30 ⁽¹⁾	-
Benzo(b)fluoranthene	16	<0.1 – 27	8.87	4 ⁽¹⁾ (6% SOM)	7 exceedances
Benzo(k)fluoranthene	16	<0.1 – 9.8	3.07	110 ⁽¹⁾	-
Benzo(a)pyrene	16	0.1 - 24	7.87	3.2 ⁽¹⁾ (6% SOM)	9 exceedances
Indeno(1,2,3-cd)pyrene	16	<0.1 - 17	5.15	45 ⁽¹⁾	-
Dibenzo(a,h)anthracene	16	<0.1 – 2	0.59	0.32 ⁽¹⁾ (6% SOM)	6 exceedances
Benzo(g,h,i)perylene	16	<0.1 – 15	4.76	360 ⁽¹⁾	-
Total Polynuclear Aromatic Hydrocarbons	16	4.2 – 260	93.64	-	-

Exceedances:

- Benzo[b]fluoranthene - WS12@0.5m (20 mg/kg), WS13@0.2m (22 mg/kg), WS15@0.4m (27 mg/kg), WS17@0.1m (20 mg/kg), WS20@0.1m (9.3 mg/kg), WS1@0.4m (16 mg/kg), WS10@0.3m (7.4 mg/kg);
- Benzo[a]pyrene - WS9@0.1m (3.4 mg/kg), WS12@0.5m (19 mg/kg), WS13@0.2m (20 mg/kg), WS15@0.4m (24 mg/kg), WS16@0.3m (7 mg/kg), WS17@0.1m (19 mg/kg), WS20@0.1m (8.9 mg/kg), WS1@0.4m (12 mg/kg), WS10@0.3m (5.7 mg/kg);
- Dibenzo(a,h)anthracene - WS12@0.5m (1.1 mg/kg), WS13@0.2m (1.2 mg/kg), WS15@0.4m (1.9 mg/kg), WS17@0.1m (1.2 mg/kg), WS1@0.4m (2 mg/kg), WS10@0.3m (0.73 mg/kg).

- **Note 1** - Units are in mg/kg unless stated.
- **Note 2** - Assumed 1% SOM – Values exceeding GAC for SOM 1% are inspected in relation to their individual SOM and appropriate GAC calculated.
- **Note 3** – Detection limit values used to calculate arithmetic mean
- **Note 4** – Only above detection limit VOCs selected for summary
- **Note 5** – All exceedances noted relate to the residential without home grown vegetables scenario
- **Note 6** – Bold text indicates exceedances which are also greater than GACs for the commercial scenario
- Generic Assessment Criteria used (current SGV unless stated):
 - ⁽¹⁾ LQM/CIEH S4ULs for Human Health Risk Assessment (2015)
 - ⁽²⁾ Category 4 Screening Levels
 - ⁽³⁾ CL:AIRE Soil GAC for Human Health Assessment (January 2010)
 - ⁽⁴⁾ ICRCL Interim Guidance on the Disposal of “Contaminated Soils” (1997)
 - ⁽⁵⁾ Integra Consulting Tier 1 Screening Value

Landfill Deposits

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Asbestos & Inorganics					
Asbestos ID / Quantification	18	No asbestos detected – 0.03 % Amosite	-	-	-
Water Soluble Sulphate as SO ₄ 2:1 Extract g/l	18	<0.01 – 0.53	0.12	-	-
Soil Organic Matter (%)	18	3.3 – 76	14.33	-	-
pH	18	7.3 – 8.9	8.13	-	-
Cyanide, Total	18	<0.5 – 7.5	1.32	25 ⁽³⁾	-
Cyanide, Free	18	<0.5	0.5	25 ⁽³⁾	-
Nitrate as NO ₃ 2:1 water soluble	18	<0.01	0.01	-	-
Metals & Semi Metals					
Arsenic	18	14 – 72	33.33	32	WS8 @ 3.5m (3.4 mg/kg), WS16 @ 2.1m (67 mg/kg), WS1 @ 0.4m (44 mg/kg), WS2 @ 0.8m (72 mg/kg), WS13 @ 3.8m (68 mg/kg)
Barium	18	140 – 780	358.33	1300 ⁽³⁾	-
Beryllium	18	<1.0 – 5.6	1.87	1.7 ⁽¹⁾	WS8 @ 3.5m (3.4 mg/kg), WS16 @ 2.1m (4.4 mg/kg), WS18 @ 1.2m (3.2 mg/kg), WS19 @ 1.8m (1.8 mg/kg), WS2 @ 0.8m (5.6 mg/kg), WS13 @ 3.8m (1.8 mg/kg)
Cadmium	18	<0.1 – 1.6	0.50	85 ⁽¹⁾	-
Chromium	18	17 – 67	29.33	910 ⁽¹⁾	-
Hexavalent Chromium	18	<0.5	0.5	6 ⁽¹⁾	-
Copper	18	37 – 1200	164.83	7100 ⁽¹⁾	-
Lead	18	76 – 1200	263.72	200 ⁽²⁾	8 exceedances
Mercury	18	0.13 – 2.5	0.61	1	WS2 @ 0.8m (2.5 mg/kg)
Nickel	18	12 – 150	46.94	130	WS2 @ 0.8m (150 mg/kg)
Selenium	18	<0.2 – 1.2	0.35	350	-
Vanadium	18	16 – 110	47.61	1200 ⁽¹⁾	-
Water Soluble Boron	18	<0.40 – 3.5	0.86	11000 ⁽¹⁾	-
Zinc	18	41 – 540	155.33	40000 ⁽¹⁾	-

Exceedances:

- Lead – WS6@0.8m (410 mg/kg), WS9@1.0m (290 mg/kg), WS17@0.1m (230 mg/kg), WS19@0.9m (200 mg/kg), WS20@2.4m (240 mg/kg), WS1@0.4m (320 mg/kg), WS2@0.8m (370 mg/kg), WS13 @ 3.8m (1200 mg/kg)

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Total Petroleum Hydrocarbons					
TPH >C6–C10	18	<1.0 – 12	3.50	-	-
TPH >C10–C21	18	12 – 510	115.83	-	-
TPH >C21–C40	18	3.8 – 700	143.37	-	-
TPH Screen (>C6–C40)	18	35 – 1200	262.00	-	-

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Polynuclear Aromatic Hydrocarbons					
Naphthalene	18	<0.1 – 6.3	1.26	5.6 ⁽¹⁾ (2.5% SOM)	-
Acenaphthylene	18	<0.1 – 0.88	0.25	2900 ⁽¹⁾	-
Acenaphthene	18	<0.1 – 14	1.71	3000 ⁽¹⁾	-
Fluorene	18	<0.1 – 12	1.48	2800 ⁽¹⁾	-
Phenanthrene	18	0.69 – 130	15.82	1300 ⁽¹⁾	-
Anthracene	18	<0.1 – 30	3.46	31000 ⁽¹⁾	-
Fluoranthene	18	1.2 -170	21.47	1500 ⁽¹⁾	-
Pyrene	18	1.2 – 130	17.88	3700 ⁽¹⁾	-
Benzo(a)anthracene	18	0.18 – 79	9.99	14 ⁽¹⁾ (2.5% SOM)	WS9 @ 0.1m (15 mg/kg), WS17 @ 0.1m (19 mg/kg), WS13 @ 3.8m (79 mg/kg)
Chrysene	18	0.12 – 82	9.82	30 ⁽¹⁾	WS13 @ 3.8m (82 mg/kg)
Benzo(b)fluoranthene	18	<0.1 – 97	12.17	4 ⁽¹⁾ (6% SOM)	11 exceedances
Benzo(k)fluoranthene	18	<0.1 – 42	4.49	110 ⁽¹⁾	-
Benzo(a)pyrene	18	<0.1 – 75	9.88	3.2 ⁽¹⁾ (6% SOM)	12 exceedances
Indeno(1,2,3-cd)pyrene	18	<0.1 – 56	6.70	45 ⁽¹⁾	WS13 @ 3.8m (56 mg/kg)
Dibenzo(a,h)anthracene	18	<0.1 – 14	1.23	0.32 ⁽¹⁾ (6% SOM)	WS9 @ 1.0m (0.64 mg/kg), WS16 @ 2.1m (0.5 mg/kg), WS17 @ 0.1m (1.2 mg/kg), WS19 @ 1.8m (0.78 mg/kg), WS2 @ 0.8m (0.64 mg/kg), WS13 @ 3.8m (14 mg/kg)
Benzo(g,h,i)perylene	18	<0.1 – 46	6.08	360 ⁽¹⁾	-
Total Polynuclear Aromatic Hydrocarbons	18	4.2 - 980	123.84	-	-

- **Note 1** - Units are in mg/kg unless stated.
- **Note 2** - Assumed 1% SOM – Values exceeding GAC for SOM 1% are inspected in relation to their individual SOM and appropriate GAC calculated.
- **Note 3** – Detection limit values used to calculate arithmetic mean
- **Note 4** – Only above detection limit VOCs selected for summary
- **Note 5** – All exceedances noted relate to the residential without home grown vegetables scenario
- **Note 6** – Bold text indicates exceedances which are also greater than GACs for the commercial scenario
- Generic Assessment Criteria used (current SGV unless stated):
 - ⁽¹⁾ LQM/CI EH S4ULs for Human Health Risk Assessment (2015)
 - ⁽²⁾ Category 4 Screening Levels
 - ⁽³⁾ CL:AIRE Soil GAC for Human Health Assessment (January 2010)
 - ⁽⁴⁾ ICRL Interim Guidance on the Disposal of “Contaminated Soils” (1997)
 - ⁽⁵⁾ Integra Consulting Tier 1 Screening Value

Natural Deposits

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Asbestos & Inorganics					
Asbestos ID / Quantification	7	No Asbestos detected	-	-	-
Water Soluble Sulphate as SO ₄ 2:1 Extract g/l	7	<0.01 – 0.37	0.13	-	-
Soil Organic Matter (%)	7	0.88 – 2.8	1.65	-	-
pH	7	7.5 – 8.6	8.20	-	-
Cyanide, Total	7	<0.5	0.5	25(3)	-
Cyanide, Free	7	<0.5	0.5	25(3)	-
Nitrate as NO ₃ 2:1 water soluble	7	<0.01	0.01	-	-
Metals & Semi Metals					
Arsenic	7	6.1 – 26	16.16	32	-
Barium	7	69 – 340	219.86	1300(3)	-
Beryllium	7	<1.0 – 1.0	1.00	1.7(1)	-
Cadmium	7	0.16 – 0.62	0.27	85(1)	-
Chromium	7	17 – 48	38.71	910(1)	-
Hexavalent Chromium	7	<0.5	0.5	6(1)	-
Copper	7	27 – 70	45.00	7100(1)	-
Lead	7	19 – 140	41.14	200(2)	-
Mercury	7	<0.1 – 12	1.85	1	BH6 @ 10.5m (12 mg/kg), outlier
Nickel	7	13 – 66	48.86	130	-
Selenium	7	<0.2	0.20	350	-
Vanadium	7	19 – 47	37.43	1200(1)	-
Water Soluble Boron	7	<0.4 – 1.1	0.71	11000(1)	-
Zinc	7	57 - 280	120.71	40000(1)	-
Total Petroleum Hydrocarbons					
Aliphatics >C ₅ –C ₆	2	<0.1	0.1	42 ⁽¹⁾	-
Aliphatics >C ₆ –C ₈	2	<0.1	0.1	100 ⁽¹⁾	-
Aliphatics >C ₈ –C ₁₀	2	<0.1	0.1	27 ⁽¹⁾	-
Aliphatics >C ₁₀ –C ₁₂	2	<1.0	1.0	130 ⁽¹⁾	-
Aliphatics >C ₁₂ –C ₁₆	2	<1.0	1.0	1100 ⁽¹⁾	-
Aliphatics >C ₁₆ –C ₂₁	2	<1.0	1.0	65000 ⁽¹⁾	-
Aliphatics >C ₂₁ –C ₃₅	2	<1.0	1.0	65000 ⁽¹⁾	-
Aliphatics >C ₃₅ –C ₄₄	2	<1.0	1.0	65000 ⁽¹⁾	-
Aromatics >EC ₅ –EC ₇	2	<0.1	0.1	370 ⁽¹⁾	-
Aromatics >EC ₇ –EC ₈	2	<0.1	0.1	860 ⁽¹⁾	-
Aromatics >EC ₈ –EC ₁₀	2	<0.1	0.1	47 ⁽¹⁾	-
Aromatics >EC ₁₀ –EC ₁₂	2	<1.0	1.0	250 ⁽¹⁾	-
Aromatics >EC ₁₂ –EC ₁₆	2	<1.0	1.0	1800 ⁽¹⁾	-
Aromatics >EC ₁₆ –EC ₂₁	2	<1.0 – 8.7	4.85	1900 ⁽¹⁾	-
Aromatics >EC ₂₁ –EC ₃₅	2	<1.0 – 12	6.50	1900 ⁽¹⁾	-
Aromatics >EC ₃₅ –EC ₄₄	2	<1.0	1.0	1900 ⁽¹⁾	-
Total Aliphatics & Aromatics >C ₅ –C ₄₄	2	<10 - 21	15.5	-	-
TPH Screen (>C ₆ –C ₄₀)	5	<10	10	-	-

Determinand	No. of Samples	Range of Results	Mean	Tier 1 GAC (Residential)	Exceeded Allowable
Polynuclear Aromatic Hydrocarbons					
Naphthalene	7	<0.1 – 0.15	0.11	2.3 ⁽¹⁾	-
Acenaphthylene	7	<0.1	0.1	2900 ⁽¹⁾	-
Acenaphthene	7	<0.1	0.1	3000 ⁽¹⁾	-
Fluorene	7	<0.1 – 0.11	0.1	2800 ⁽¹⁾	-
Phenanthrene	7	<0.1 – 1.7	0.56	1300 ⁽¹⁾	-
Anthracene	7	<0.1 – 0.19	0.11	31000 ⁽¹⁾	-
Fluoranthene	7	<0.1 – 2.8	0.66	1500 ⁽¹⁾	-
Pyrene	7	<0.1 – 2.6	0.64	3700 ⁽¹⁾	-
Benzo(a)anthracene	7	<0.1 – 0.9	0.22	11 ⁽¹⁾	-
Chrysene	7	<0.1 – 0.51	0.18	30 ⁽¹⁾	-
Benzo(b)fluoranthene	7	<0.1 – 2.9	0.52	3.9 ⁽¹⁾	-
Benzo(k)fluoranthene	7	<0.1 – 0.85	0.21	110 ⁽¹⁾	-
Benzo(a)pyrene	7	<0.1 – 0.98	0.23	3.2 ⁽²⁾	-
Indeno(1,2,3-cd)pyrene	7	<0.1 – 1.7	0.33	45 ⁽¹⁾	-
Dibenzo(a,h)anthracene	7	<0.1 – 0.17	0.11	0.31 ⁽¹⁾	-
Benzo(g,h,i)perylene	7	<0.1 – 1.9	0.36	360 ⁽¹⁾	-
Total Polynuclear Aromatic Hydrocarbons	7	<2.0 - 17	4.41	–	-

- **Note 1** - Units are in mg/kg unless stated.
- **Note 2** - Assumed 1% SOM – Values exceeding GAC for SOM 1% are inspected in relation to their individual SOM and appropriate GAC calculated.
- **Note 3** – Detection limit values used to calculate arithmetic mean
- **Note 4** – Only above detection limit VOCs selected for summary
- **Note 5** – All exceedances noted relate to the residential without home grown vegetables scenario
- **Note 6** – Bold text indicates exceedances which are also greater than GACs for the commercial scenario
- Generic Assessment Criteria used (current SGV unless stated):
 - ⁽¹⁾ LQM/CIH S4ULs for Human Health Risk Assessment (2015)
 - ⁽²⁾ Category 4 Screening Levels
 - ⁽³⁾ CL:AIRE Soil GAC for Human Health Assessment (January 2010)
 - ⁽⁴⁾ ICRCL Interim Guidance on the Disposal of “Contaminated Soils” (1997)
 - ⁽⁵⁾ Integra Consulting Tier 1 Screening Value

Leachate Contamination Results

Determinand	No. of Samples	Range of Results	Mean	Tier 1 for Drinking Water (worst case)	Exceeded Allowable
Bulk Parameters					
pH	5	8.1-8.9	8.46	6.5-10 ⁽²⁾	-
Electrical Conductivity (μS/cm)	5	40-230	117.00	2500 ⁽²⁾	-
Hardness (mg/l)	5	26-440	150.40	-	-
Inorganics					
Nitrate (mg/l)	5	0.68-22	6.42	50 ⁽²⁾	-
Sulphate (mg/l)	5	10-22	33.60	250 ⁽³⁾	-
Cyanide (Free) (mg/l)	5	<0.050	0.05	0.05 ⁽²⁾	-
Metals and Semi Metals					
Arsenic (Dissolved)	5	1.2-10	6.64	10 ⁽²⁾	-
Barium (Dissolved)	5	15-72	33.00	1000 ⁽⁴⁾	-
Beryllium (Dissolved)	5	<1.0	1.00	-	-
Boron (Dissolved)	5	21-78	36.20	1000 ⁽²⁾	-
Cadmium (Dissolved)	5	<0.080	0.08	5 ⁽²⁾	-
Chromium (Dissolved)	5	<1.0-3.4	1.84	50 ⁽²⁾	-
Copper (Dissolved)	5	1.4-9.5	4.02	2000 ⁽²⁾	-
Mercury (Dissolved)	5	<0.050	0.50	1 ⁽²⁾	-
Nickel (Dissolved)	5	<1.0-6.2	2.36	20 ⁽²⁾	-
Lead (Dissolved)	5	<1.0-8.1	3.04	10 ⁽²⁾	-
Selenium (Dissolved)	5	<1.0-6.1	2.08	10 ⁽²⁾	-
Vanadium (Dissolved)	5	<1.0-7.8	3.96	20-60 ⁽⁴⁾	-
Zinc (Dissolved)	5	<1.0-5.6	3.08	3750 ⁽¹⁾	-

Total Petroleum Hydrocarbons					
Aliphatic TPH >C5-C6	5	<0.10	0.10	10 ⁽⁵⁾	-
Aliphatic TPH >C6-C8	5	<0.10	0.10	10 ⁽⁵⁾	-
Aliphatic TPH >C8-C10	5	<0.10	0.10	10 ⁽⁵⁾	-
Aliphatic TPH >C10-C12	5	<0.10	0.10	10 ⁽⁵⁾	-
Aliphatic TPH >C12-C16	5	<0.10-660	132.08	10 ⁽⁵⁾	WS13@3.8m
Aliphatic TPH >C16-C21	5	<0.10-3100	620.08	100 ⁽⁵⁾	WS13@3.8m
Aliphatic TPH >C21-C35	5	<0.10-12000	2400.08	100 ⁽⁵⁾	WS13@3.8m
Aliphatic TPH >C35-C44	5	<0.10-370	74.08	100 ⁽⁵⁾	WS13@3.8m
Total Aliphatic Hydrocarbons	5	<5.0-16000	3204.00	-	-
Aromatic TPH >C5-C7	5	<0.10	0.10	10 ⁽⁵⁾	-
Aromatic TPH >C7-C8	5	<0.10	0.10	10 ⁽⁵⁾	-
Aromatic TPH >C8-C10	5	<0.10-1.1	0.30	10 ⁽⁵⁾	-
Aromatic TPH >C10-C12	5	<0.10-58	11.94	10 ⁽⁵⁾	WS13@3.8m
Aromatic TPH >C12-C16	5	<0.10-1200	247.44	10 ⁽⁵⁾	WS8@3.5m, WS12@3.0m & WS13@3.8m
Aromatic TPH >C16-C21	5	2.7-7400	1519.34	100 ⁽⁵⁾	WS8@3.5m & WS13@3.8m
Aromatic TPH >C21-C35	5	<0.10-9500	1983.48	100 ⁽⁵⁾	WS8@3.5m, WS12@3.0m & WS13@3.8m
Aromatic TPH >C35-C44	5	<0.10-530	113.64	100 ⁽⁵⁾	WS13@3.9m
Total Aromatic Hydrocarbons	5	<5.0-19000	3937.40	-	-
Total Petroleum Hydrocarbons	5	<10-35000	7138.40	-	-

Determinand	No. of Samples	Range of Results	Mean	Tier 1 for Drinking Water (worst case)	Exceeded Allowable
Polynuclear Aromatic Hydrocarbons					
Naphthalene	5	<0.10-24	4.93	10 (100)4	WS13@3.8m
Acenaphthylene	5	<0.10-1.1	0.31	105	-
Acenaphthene	5	<0.10-150	30.32	3655	-
Fluorene	5	<0.10-110	22.13	2435	-
Phenanthrene	5	<0.10-760	154.48	105	WS13@3.8m
Anthracene	5	<0.10-230	46.32	18255	-
Fluoranthene	5	0.33-1000	205.71	105	WS8@3.5m & WS13@3.8m
Pyrene	5	1.4-860	178.52	1835	WS13@3.8m
Benzo[a]anthracene	5	<0.10-310	63.74	0.15	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Chrysene	5	<0.10-380	78.08	95	WS13@3.8m
Benzo[b]fluoranthene	5	<0.10-400	82.03	0.0251	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Benzo[k]fluoranthene	5	<0.10-170	34.60	0.0251	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Benzo[a]pyrene	5	<0.10-310	63.63	0.012	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Indeno(1,2,3-c,d)Pyrene	5	<0.10-220	44.82	0.0251	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Dibenz(a,h)Anthracene	5	<0.10-63	12.75	0.015	WS8@3.5m, WS12@3.0m & WS13@3.8m
Benzo[g,h,i]perylene	5	<0.10-160	33.03	0.0251	WS8@3.5m, WS12@3.0m, WS13@3.8m & BH10@9.0m
Total Of 16 PAH's	5	<2.0-5100	1045.40	-	-

- **Note 1** - Units are in µg/l unless stated.
- **Note 2** – Detection limit values used to calculate arithmetic mean.
- Tier 1 Assessment Criteria used:
 - o ⁽¹⁾ Groundwater Threshold Values, part 7 of The River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive) (England and Wales) Directive 2009.
 - o ⁽²⁾ UK Drinking Water Standards (2000)
 - o ⁽³⁾ P20 UK Drinking Water Standards
 - o ⁽⁴⁾ Selected water Quality Standards, Appendix 8 to Environment Agency Environmental Quality Standards; Hydrogeological Risk Assessment for Landfills
 - o ⁽⁵⁾ Environment Agency Guidance Concentration

Groundwater Contamination Results

Determinand	BH4 @ 8.9m bgl	BH7 @ 7.5m bgl	BH8 @ 8.0m bgl	Tier 1 for Drinking Water	Exceedances
Bulk Parameters					
pH	7.8	8.2	8.1	6.5-102	-
Electrical Conductivity (µS/cm)	1300	870	1100	25002	-
Biochemical Oxygen Demand (mg O ₂ /l)	< 4.0	< 4.0	< 4.0	-	-
Chemical Oxygen Demand (mg O ₂ /l)	37	< 10	< 10	-	-
Redox Potential (mV)	27	62	80	-	-
Inorganics					
Nitrate as N (mg/l)	< 0.20	< 0.20		502	-
Sulphate (mg/l)	87	190		2503	-
Cyanide (Free) (mg/l)	< 0.050	< 0.050		0.052	-
Hardness (mg/l)	660	370	230	-	-
Metals and Semi Metals					
Arsenic (Dissolved)	2.6	1.5	1.8	102	-
Barium (Dissolved)	170	78	32	10004	-
Beryllium (Dissolved)	< 1.0	< 1.0	< 1.0	-	-
Boron (Dissolved)	640	600		10002	-
Cadmium (Dissolved)	< 0.080	< 0.080	< 0.080	52	-
Cobalt (Dissolved)			1	-	-
Chromium (Dissolved)	5.9	3.4	3.5	502	-
Copper (Dissolved)	< 1.0	< 1.0	< 1.0	20002	-
Mercury (Dissolved)	< 0.50	< 0.50	< 0.50	12	-
Nickel (Dissolved)	17	2.8	2.2	202	-
Lead (Dissolved)	< 1.0	< 1.0	< 1.0	102	-
Selenium (Dissolved)	3.9	5	1.6	102	-
Vanadium (Dissolved)	1.2	< 1.0	< 1.0	20-604	-
Zinc (Dissolved)	8.6	5.8	7.8	37501	-

Total Petroleum Hydrocarbons
All 3 No. TPHs were recorded below their respective analytical detection limits
Polynuclear Aromatic Hydrocarbons (PAHs)
All 3 No. PAHs were recorded below their respective analytical detection limits

- **Note 1** - Units are in µg/l unless stated.
- **Note 2** – Detection limit values used to calculate arithmetic mean.
- Tier 1 Assessment Criteria used:
 - o ⁽¹⁾ Groundwater Threshold Values, part 7 of The River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive) (England and Wales) Directive 2009.
 - o ⁽²⁾ UK Drinking Water Standards (2000)
 - o ⁽³⁾ P20 UK Drinking Water Standards
 - o ⁽⁴⁾ Selected water Quality Standards, Appendix 8 to Environment Agency Environmental Quality Standards; Hydrogeological Risk Assessment for Landfills
 - o ⁽⁵⁾ Environment Agency Guidance Concentration

WAC Testing Results

On the understanding that the bund to the north-west was to be removed, a waste acceptance criteria (WAC) test was undertaken on single sample (WS14 at 0.6m). On the basis of this single result 2 No. determinands were over the landfill waste acceptance criteria limit for hazardous waste (Total Organic Carbon and Loss on ignition), 2 No. determinands were over the criteria limit for stable non-reactive hazardous waste in a non-hazardous landfill and the remaining determinands were all below the criteria limit for inert waste.

The full WAC result is contained in Appendix 6.

6.5 Groundwater

During the construction of exploratory holes water was encountered within 9 No. of 10 No. shell and auger boreholes, either within made ground and/or natural deposits:

Location	Depth of Water Strike Within Made Ground (m bgl / AOD)	Depth of Water Strike Within Natural Ground (m bgl / AOD)
BH1	7.40 / 49.30	11.50 / 45.20
BH2	7.30 / 49.45	13.20 / 43.55 16.00 / 40.75
BH3G	6.80 / 49.80	13.50 / 43.10 16.10 / 40.50
BH4	-	13.50 / 43.05
BH5A	6.00 / 50.75	12.40 / 44.35
BH6	7.00 / 49.70	-
BH7	-	12.50 / 42.35
BH8	7.50 / 47.40	12.10 / 42.80
BH9	-	-
BH10	5.00 / 49.80	-

No groundwater was encountered in the window sample holes.

6.6 Groundwater Monitoring

Groundwater samples were taken from all monitoring wells the site and analysed for an appropriate suite of determinands:

Response zone in natural ground

Exploratory Hole	Depth (mbgl) (pre /post purge)	Post-purge Height (m AOD)	pH	Redox Potential (mV)	Total Dissolved Solids (ppm)	Electrical Conductivity (µS/cm3)	Comments
BH4	6.20/8.20	48.35	7.8	-80	835	1669	Slight NAPL veneer and high suspended solids
BH7	5.00/7.50	47.35	8.2	-26	514	1025	Slight NAPL veneer and high suspended solids
BH8	4.60/8.00	46.90	8.1	-15	639	1292	No NAPL. Suspended solids - medium turbidity

Response zone in made ground

Exploratory Hole	Depth (mbgl) (pre /post purge)	Post-purge Height (m AOD)	pH	Redox Potential (mV)	Total Dissolved Solids (ppm)	Electrical Conductivity (µS/cm3)	Comments
BH1	4.90/6.70	50.00	N/A*	-60	664	1343	Brown. Thin but obvious NAPL veneer
BH3G	6.60/6.30	50.30	N/A*	50	640	1285	Brown. Medium suspended sediments. Slight NAPL veneer.
BH10	4.50/4.70	50.10	N/A*	67	605	1210	Brown. High suspended sediments. NAPL veneer.

*It should be noted that at the time of issue there are outstanding groundwater

laboratory testing for the wells with response zones in made ground. The above table will be updated and results included in a revision to this report once these have been received.

For detailed, area specific water levels and strikes refer to the shell and auger borehole logs contained within Appendix 3. The groundwater contamination laboratory testing for the wells with response zones in natural ground are contained in Appendix 6

6.7 Ground Gas Monitoring

Groundwater and ground gas monitoring is ongoing and at the time of first issue of this report initial monitoring visits have been completed. The initial monitoring results are included in the table below, with full details attached in Appendix 9.

Response zone in natural ground

- Steady Oxygen concentrations between 20.6% and 11.6%;
- Carbon Dioxide concentrations from 6.5% (peak) to <0.01 (steady);
- Methane concentrations from 1.2% (peak) to <0.01% (steady);
- Hydrogen Sulphide from 5ppm (peak) to <1ppm (steady);
- Gas flow below detection limits <0.01 l/hr (Peak / steady).

Response zone in made ground

- Steady Oxygen concentrations between 20.5% and 13.4%;
- Carbon Dioxide concentrations from 6.5% (peak) to <0.01 (steady);
- Methane concentrations from 1.2% (peak) to <0.01% (steady);
- Hydrogen Sulphide from 4ppm (peak) to 1ppm (steady);
- Gas flow below detection limits <0.01 l/hr (Peak / steady).

The full gas monitoring results are included in Appendix 9.

6.8 Visual and Olfactory Evidence

During the intrusive exploratory hole investigation works, the soils were examined carefully for both visual and olfactory evidence of contamination. All shell and auger boreholes and window sample holes recorded visual evidence of contamination consisting of stained black made ground deposits between depths of 0.80m to 10.20m. Gravel constituents throughout consisted of slag, ash, bitumen and asphalt.

Isolated occurrences of evidence of suspected contamination was encountered at the following locations:

- Slight hydrocarbon staining in BH1 from 3.00m and 5.90m bgl;
- Slight hydrocarbon odour in BH3F from 0.80m bgl;
- Hydrocarbon staining and odour in BH3G from 7.60m bgl;
- Slight hydrocarbon odour in BH5A from 0.70m bgl;
- Strong hydrocarbon odour in BH10 with staining from 1.40m and 4.90m bgl;
- Hydrocarbon odour in WS10 from 4.30m bgl;
- Hydrocarbon staining and odour in WS13 from 3.70m bgl;
- Hydrocarbon staining and odour in WS14 from 3.40 to 3.70m bgl.

Visual evidence of contamination recorded during groundwater monitoring is detailed in Section 6.6.

6.9 Additional Findings

Ground obstructions were encountered on 7 No. occasions at the top of the slope to the north-east of the existing building. BH3 – BHE were all terminated during starter pit construction on a hard concrete layer between depths of 0.50m and 0.80m bgl. BH5 was terminated at 5.30m bgl due to the presence of a concrete obstruction. BH3F was terminated at 1.30m due to the presence of suspected unrecorded drainage. In addition two covers were encountered in the southern section of the recreational field which revealed multiple surface drainage water pipes that were not included on service drawings. An approximate 200mm diameter plastic pipe was noted to be present orientated north-west – south-east from the northern end of the made ground mound at approximately 1.1m bgl.

7.0 **CONCLUSIONS**

On the basis of the site investigation works undertaken, the general ground conditions can be summarised as follows:

Geological Strata	Depth Range To Base Of Strata (mbgl)	Strata Thickness Range (m)
TOPSOIL / MACADAM	0.05 – 0.50	0.05 – 0.50
REWORKED CLAY / SAND	0.80 – 2.40	0.55 – 2.30
LANDFILL	4.80 – 10.20	3.10 – 8.30
SUSPECTED LANDFILL / NATURAL GLACIAL TILL INTERFACE	3.50 – 7.80	0.60 – 2.20
NATURAL DEPOSITS (CLAY AND SAND BANDS)	>20.50	>2.00

This factual preliminary report will be followed a Phase 2 Environmental Ground Investigation report and Geotechnical Ground Investigation report which will both be interpretive assessments of the site investigation works undertaken.

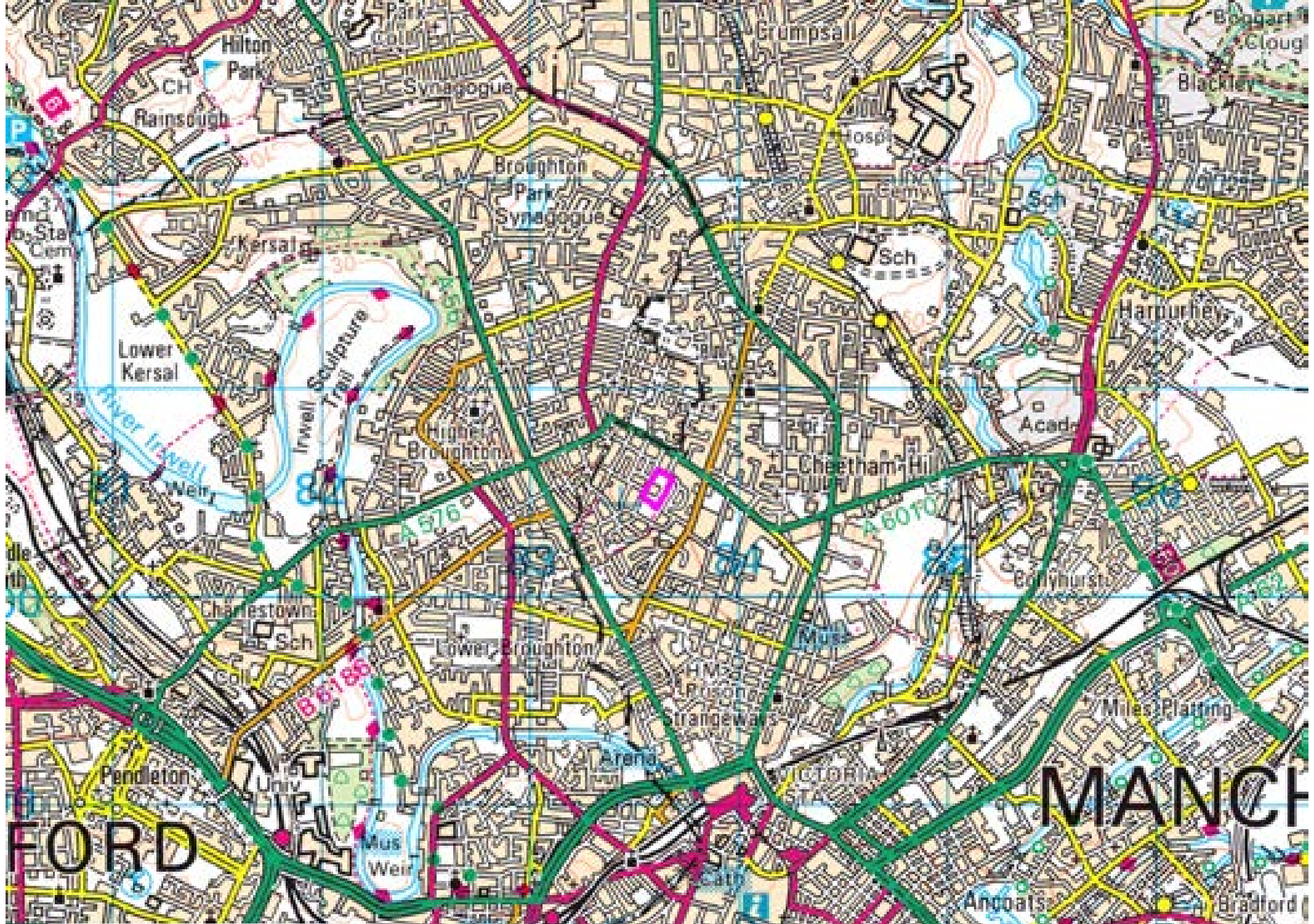
APPENDIX 1

SITE LOCATION PLANS AND AERIAL PHOTOGRAPH









APPENDIX 2

EXPLORATORY HOLE LOCATION PLAN

Notes.

- 1 All dimensions and levels are in metres unless noted otherwise.
- 2 This drawing is to be read in conjunction with all relevant Architects and Service Engineers drawings.
- 3 Plan has been produced on the basis of of the scheme indicated.

LEGEND

- Site Boundary
- Proposed Sport Pitch Envelope
- Proposed Building Envelope
- Existing Building Envelope
- Proposed Shell and Auger Borehole Location
- Proposed Window Sample / Dynamic Probe Location
- EPS Window Sample Location (2015)
- Height Above Ordnance Datum (Metres)



Rev	Drawn	Date	Description
Drawing Status			
INFORMATION			
Contract			
UNITY COMMUNITY PRIMARY SCHOOL, CHEETWOOD			
Drawing Title			
EXPLORATORY HOLE LOCATION PLAN			
<div><div>Integra consulting environmental</div><div>Suite 4, 14-32 Hewitt Street, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div></div>			
Scales		Date	
1:400@A1		AUG 2015	
Drawn		Checked	
MC		AE	
Contract No		Drawing No	
2898		SI-01	P1

APPENDIX 3

SHELL AND AUGER BOREHOLE LOGS

<div><div><div>Integra</div><div>consulting environmental</div></div><div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div></div>					<div>Borehole Log</div> <div><div>Ref: 1 of 1</div><div>BH3</div><div>Rev: -</div></div>							
<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Overcast</div> <div>Recently: Sun & Showers</div>		<div>Ground Lvl AOD: 56.55m</div> <div>By: MC</div> <div>Checked: LR</div>		<div>Job No: 2898</div> <div>Date: 02/07/2015</div>			
Pipe	Water	AOD (m)	Legend	Description of strata					Sampling		SPT (Cu)	
		56.55							Depth (m)	Type		
		56.35		MADE GROUND: Grassed TOPSOIL with frequent rootlets and rare gravel of angular, fine to medium red brick, plastic and mixed lithologies.					0.20	D		
		56.05		MADE GROUND: Medium dense, brown, slightly clayey, gravelly SAND with occasional whole and half bricks. Gravel is angular to subangular of fine to coarse red brick (30%), concrete (20%), sandstone (10%), plastic (10%), wood (5%), slate (5%) and mixed lithologies (20%). -Visqueen and terram layer at 0.40m. -Concrete layer at 0.50m.					0.30			
												0.50
												1.00
												2.00
												3.00
												4.00
												5.00
												6.00
												7.00
										8.00		
										9.00		
										10.00		
Groundwater					Boring		SPT's			U100's % recovery (x) blows		
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	0.50m						
DRY	-	-	-		Depth of Casing	-						
					Chiseling (hrs)	0.25	Comments:					
Key: Water strike Bulk Sample Disturbed Sample					Starter pit Y/N		-All dimensions in metres unless otherwise stated. -Borehole terminated due to concrete obstruction encountered at 0.50m.					

<div><div>Integra</div><div>consulting environmental</div></div>					<div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div>					<div>Borehole Log</div> <div>Ref: BH3D 1 of 1</div> <div>Rev: -</div>						
<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Overcast Recently: Sun & Showers</div>					<div>Ground Lvl AOD: 56.70m</div> <div>By: MC Checked: LR</div>		<div>Job No: 2898 Date: 03/07/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata						Sampling		SPT (Cu)				
										Depth (m)	Type					
		56.70														
		56.50		MADE GROUND: Grassed TOPSOIL with frequent rootlets and rare gravel of angular, fine to medium red brick and concrete.						0.20						
		56.10		MADE GROUND: Medium dense, brown, slightly clayey, gravelly SAND. Gravel is angular of fine to coarse red brick (30%), concrete (20%), metal (10%) and mixed lithologies (40%). -Limestone gravel at south-western pit wall from 0.50m. -Concrete at 0.60m.						0.60						
				Borehole terminated at 0.60m bgl.						1.00						
										2.00						
										3.00						
										4.00						
										5.00						
										6.00						
										7.00						
										8.00						
										9.00						
										10.00						
Groundwater					Boring			SPT's				U100's % recovery (x) blows				
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	0.60m										
DRY	-	-	-		Depth of Casing	-										
					Chiseling (hrs)	0.25										
					Starter pit Y/N	Y										
Key:		Water strike		Water level (20min)												
		Bulk Sample														
		Disturbed Sample														
														Comments:		
														-All dimensions in metres unless otherwise stated.		
														-Borehole terminated due to concrete obstruction encountered at 0.60m.		

<div><div><div>Integra</div><div>consulting environmental</div></div><div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div></div>					<div>Borehole Log</div> <div><div>Ref: 1 of 1</div><div>BH3E</div><div>Rev: -</div></div>							
<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Overcast</div> <div>Recently: Sun & Showers</div>		<div>Ground Lvl AOD: 56.60m</div> <div>By: MC</div> <div>Checked: LR</div>		<div>Job No: 2898</div> <div>Date: 03/07/2015</div>			
Pipe	Water	AOD (m)	Legend	Description of strata					Sampling		SPT (Cu)	
		56.60							Depth (m)	Type		
		56.40		MADE GROUND: Grassed TOPSOIL with frequent rootlets and rare gravel of angular, fine to medium red brick and concrete.					0.20			
		56.00		MADE GROUND: Medium dense, brown, slightly clayey, gravelly SAND. Gravel is angular of fine to coarse red brick (30%), concrete (20%) and mixed lithologies (50%). -Concrete at 0.60m.					0.60			
					Borehole terminated at 0.60m bgl.					1.00		
										2.00		
										3.00		
										4.00		
										5.00		
										6.00		
										7.00		
										8.00		
										9.00		
										10.00		
Groundwater					Boring		SPT's			U100's % recovery (x) blows		
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	0.60m						
DRY	-	-	-		Depth of Casing	-						
					Chiseling (hrs)	0.25						
					Starter pit Y/N	Y						
Key: Water strike Bulk Sample Disturbed Sample										Comments: - All dimensions in metres unless otherwise stated. - Borehole terminated due to concrete obstruction encountered at 0.60m.		

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Sunny</div> <div>Recently: Sun & Showers</div>					<div>Ground Lvl AOD: 56.75m</div> <div>By: MC</div>		<div>Checked: LR</div>		<div>Job No: 2898</div> <div>Date: 08-10/07/2015</div>		
Pipe	Water	AOD (m)	Legend	Description of strata							Sampling		SPT (Cu)			
		56.75									Depth (m)	Type				
		36.25		Borehole terminated at 20.50m bgl.							20.50					
											21.00					
											22.00					
											23.00					
											24.00					
											25.00					
											26.00					
											27.00					
											28.00					
											29.00					
											30.00					
Groundwater					Boring			SPT's				U100's % recovery (x) blows				
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	20.50m		Comments: - All dimensions in metres unless otherwise stated.								
-	-	-	-		Depth of Casing	18.00m										
					Chiseling (hrs)	1.5										
Key:	<div><div></div><div>B</div><div>D</div></div>	<div>Water strike</div> <div>Bulk Sample</div> <div>Disturbed Sample</div>	<div></div> <div></div>	Water level (20min)	Starter plt Y/N	Y										

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					Ref: BH8	Rev: -	
Ver 1.9					1 of 2		
Project: Unity Community Primary, Cheetwood, Manchester		Weather: Sunny Recently: Wet		Ground LvI AOD: 54.90m By: MC Checked: LR		Job No: 2898 Date: 15-16/07/2015	
Pipe	Water	AOD (m)	Legend	Description of strata	Sampling		SPT (Cu)
					Depth (m)	Type	
		54.90					
		54.80		MADE GROUND: MACADAM	0.10		
		54.65		MADE GROUND - SUB-BASE: Medium dense to dense, grey, slightly clayey, gravelly SAND.	0.25		
		54.00		MADE GROUND: Medium dense, black, silty, gravelly SAND with occasional half brick. Gravel is angular to subangular of fine to coarse red brick (30%), asphalt (30%) concrete (15%) and mixed lithologies (25%).	0.80		
					1.00		
				MADE GROUND: Soft, brown, slightly sandy, silty CLAY.	1.50-1.95	SPT(C)	2
					1.50-1.95	B	
					2.00	D	
					2.20		
				MADE GROUND: Soft, brownish black, damp / wet, slightly sandy, slightly gravelly CLAY with occasional subrounded concrete cobbles and half brick. Gravel is angular of fine to coarse concrete (40%), wood (5%) and mixed lithologies (55%). Slight humic odour.	3.00	D	
					3.50-3.95	SPT(C)	2
					3.50-3.95	B	
					4.00		
					5.00	D	
			5.50-5.95	SPT(C)	6		
			5.50-5.95	B			
			6.00				
			7.00				
			7.40				
		47.50		MADE GROUND: Loose, wet, dark brownish black, slightly sandy GRAVEL consisting of angular, fine to coarse slag (40%), red brick (30%), concrete (10%) and mixed lithologies (20%).	7.50-7.95	SPT(C)	5
		47.40			7.50-7.95	B	
					8.00		
				8.80			
				Firm to stiff, brown, silty laminated CLAY with rare sandstone cobbles and rare gravel of angular to subrounded sandstone and mudstone.	9.00-9.45	SPT	18
		46.10			9.00-9.45	D	
				10.00-10.45	U100	(49)	
Groundwater				Boring	SPT's		U100's
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	19.00m	100% (54)
7.50m	20 MINS	4.90m	9.00m		Depth of Casing	13.50m	% recovery (x) blows
				Chiseling (hrs)	3.0	Comments:	
Key: Water strike Water level (20min)				Starter pit Y/N	Y	- All dimensions in metres unless otherwise stated.	

APPENDIX 4

WINDOW SAMPLE LOGS

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Project: Unity Community Primary, Cheetwood, Manchester					Weather: Dry & light cloud Recently: Dry					Ground Lvl AOD: 58.00m		Job No: 2898						
										By: JG		Checked: MC		Date: 29/06/2015				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)		SPT (Cu)		
		58.00																
		57.75		MADE GROUND: Grassed TOPSOIL with frequent rootlets.										0.25				
		57.10		MADE GROUND: Medium dense, dark brown, very gravelly SAND. Gravel is angular to subangular of fine to coarse red brick (30%), asphalt (15%), concrete (10%), sandstone (10%), glass (5%) and mixed lithologies (30%). - Becoming damp and slightly clayey from 0.80m.										1.00-1.45		7		
		56.20		MADE GROUND: Firm, dark brown, slightly sandy, gravelly CLAY. Gravel is angular to subrounded of fine to coarse red brick (30%), concrete (30%), asphalt (20%), timber (5%), slag (5%) and mixed lithologies (10%). - Occasional half brick from 1.30m. - Thin band (100mm thick) of damp, clayey gravel of sandstone and red brick at 1.60m.										1.80-2.00				
		55.40		MADE GROUND: Very loose, dark brownish black, very sandy, angular to subrounded, fine to coarse GRAVEL of concrete (30%), red brick (10%), sandstone (10%), coal (10%), asphalt (5%) and mixed lithologies (35%). - Soft to firm brown, mottled black, slightly sandy, gravelly clay from 2.30m (0.10m thick). Gravel is angular to subangular of fine to coarse slag (40%), coal (20%) and mixed lithologies (40%).										2.60-3.00-3.45		0		
		53.60		MADE GROUND: Firm to stiff, brown, mottled black, slightly sandy, slightly gravelly CLAY. Gravel is angular of fine red brick (40%), asphalt (30%) and mixed lithologies (30%).										4.00-4.40				
		53.30		MADE GROUND: Loose, greyish black, very gravelly SAND. Gravel is angular to subangular of fine to coarse asphalt (20%), slag (15%), concrete (15%), red brick (10%) and mixed lithologies (40%). - Band (0.10m thick) of black sand of asphalt at 3.70m.										4.70-5.00-5.45		7		
		52.70		MADE GROUND: Medium dense, damp, brownish black, slightly clayey, slightly gravelly SAND. Gravel is subangular of fine to medium coal (40%), asphalt (20%), sandstone (5%), red brick (5%) and mixed lithologies (30%). - Becoming clayey from 4.60m.										5.30-6.00				
		50.55		MADE GROUND: Soft, damp, dark brown, CLAY with rare gravel of angular, fine red brick. Firm, slightly damp, brown, silty CLAY with rare gravel of coal. - Becoming stiff from 5.80m. - Becoming very stiff from 6.00m.										7.00-7.45		28		
				Window sample terminated at 7.45m bgl.										8.00-9.00-10.00				
Groundwater					Boring					SPT's								
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	7.45m				1.00-1.45 - 1/1/1/2/1/3 3.00-3.45 - 1/1/0/0/0/0 5.00-5.45 - 0/0/1/2/1/3 7.00-7.45 - 3/5/7/7/7/7								
DRY	-	-	-		Depth of Casing	-				Comments: -All dimensions in metres unless otherwise stated. -Dynamic probe undertaken to 10.00m bgl.								
Key: Water strike Water level (20mln)					Chiseling (hrs)	-												
					Starter pit Y/N	N												

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										Ref: WS2			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Dry & light cloud Recently: Dry			Ground Lvl AOD: 57.05m By: LR Checked: MC		Job No: 2898 Date: 29/06/2015				
Pipe	Water	AOD (m)	Legend	Description of strata						Depth (m)		SPT (Cu)		
		57.05												
		56.80		MADE GROUND: Grassed TOPSOIL with frequent rootlets.						0.25				
		56.40		MADE GROUND: Dense, brown, silty, gravelly SAND. Gravel is angular to subangular of fine to medium concrete (30%), red brick (20%), tarmac (15%) and mixed lithologies (35%). - Frequent half and whole bricks at 0.60m.						0.65				
				MADE GROUND: Loose, greyish black, very gravelly SAND with rare half and whole bricks. Gravel is angular of fine slag (50%), asphalt (15%), red brick (10%) and mixed lithologies (25%).						1.00				
		55.25		MADE GROUND: Soft, dark brown, greyish black in places, slightly gravelly, silty CLAY. Gravel is angular to subangular of fine to coarse red brick (20%), tarmac (25%), slag (20%), glass (5%), slate (5%) and mixed lithologies (25%). - Sand is in excess of 30% ash from 1.20m. - Occasional rounded sandstone cobbles from 1.50m. - Occasional half and whole brick from 2.20m.						1.80				
										2.00-2.45		8		
		53.95		MADE GROUND: Soft, brown, slightly silty, slightly sandy, slightly gravelly CLAY. Gravel is angular to subangular of fine coal (15%), asphalt (15%), slag (15%) and mixed lithologies (55%).						3.10				
		53.25		MADE GROUND: Very loose to medium dense, brown, clayey, silty, gravelly SAND. Gravel is angular of fine red brick (30%), coal (20%), slag (30%) and mixed lithologies (20%). - Becoming slightly gravelly from 4.00m.						3.80				
		52.75		MADE GROUND: Very loose, wet, black, clayey, silty, gravelly SAND. Gravel is angular of fine to medium red brick (40%), slag (30%) and mixed lithologies (30%).						4.00-4.45		0		
										4.30				
										5.00				
										6.00-6.45		0		
		50.05		Window sample terminated at 7.00m bgl.						7.00				
										7.60				
										8.00				
										9.00				
										10.00				
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	7.00m		2.00-2.45 - 1/1/1/2/3/2 4.00-4.45 - 1/0/0/0/0/0 6.00-6.45 - 0/0/0/0/0/0						
DRY	-	-	-		Depth of Casing	-		Comments: -All dimensions in metres unless otherwise stated. -Dynamic probe undertaken to 10.00m bgl.						
					Chiseling (hrs)	-								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Dry & light cloud Recently: Dry</div>					<div>Ground Lvl AOD: 57.20m By: JG Checked: MC</div>					<div>Job No: 2898 Date: 29/06/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		57.20																	
		57.10 57.00		MADE GROUND: Grassed TOPSOIL with frequent rootlets.										0.10 0.20					
				MADE GROUND: Medium dense, Brown, sandy, subangular to subrounded, fine to coarse GRAVEL of red brick (30%), concrete (20%) and mixed lithologies (50%).															
		56.20		MADE GROUND: Firm to stiff, brown, sandy CLAY. - Becoming slightly sandy and gravelly from 0.40m. Gravel is subangular of medium to coarse red brick (20%), concrete (20%) and mixed lithologies (60%).										1.00					
		55.80 55.70		- Rare half and whole bricks from 0.80m.										1.40 1.50					
				MADE GROUND: Loose, brown, sandy, angular to rounded, medium to coarse GRAVEL of concrete (30%), red brick (15%), slag (15%) and mixed lithologies (40%).										2.00-2.45	7				
				MADE GROUND: Loose to medium dense, black, very sandy, angular to subrounded, fine to medium GRAVEL of bitumen (20%), slag (10%), timber (10%) and mixed lithologies (60%). Sand is in excess of 30% ash.										3.00					
		54.20		MADE GROUND: Loose, black, clayey, gravelly SAND. Gravel is subangular of fine to medium concrete (20%), bitumen (15%), red brick (10%), timber (10%) and mixed lithologies (45%). Sand is in excess of 40% ash.															
				MADE GROUND: Soft to firm, brown, slightly sandy, gravelly CLAY. Gravel is angular to subrounded of medium to coarse slag (20%), concrete (20%), red brick (10%) and mixed lithologies (50%). - Becoming soft from 3.80m.										4.00-4.45	14				
														5.00					
														6.00-6.45	8				
		50.75		Window sample terminated at 6.45m bgl.															
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	6.45m				2.00-2.45 - 1/2/2/1/2/2 4.00-4.45 - 1/2/3/3/3/5 6.00-6.45 - 3/5/3/2/1/2									
DRY	-	-	-		Depth of Casing	-				Comments: -All dimensions in metres unless otherwise stated.									
					Chiseling (hrs)	-													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

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					Ref: <div>WS4</div>					Rev: <div>-</div>									
					Ver 1.0														
<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Dry & light cloud Recently: Dry</div>					<div>Ground Lvl AOD: 58.20m By: JG Checked: MC</div>					<div>Job No: 2898 Date: 29/06/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		58.20																	
		58.10		MADE GROUND: Grassed TOPSOIL.										0.10					
		57.80		MADE GROUND: Loose to medium dense, brown, slightly clayey, slightly gravelly SAND. Gravel is subangular of fine to coarse red brick (40%), concrete (20%) and mixed lithologies (40%). Sand is in excess of 30% ash.										0.40					
				MADE GROUND: Soft to firm, greyish brown, slightly sandy, gravelly CLAY. Gravel is angular to subangular of fine to coarse concrete (30%), red brick (20%) and mixed lithologies (50%). - Frequent half and whole bricks from 1.60m.										1.00-1.45	22				
		56.20		MADE GROUND: Medium dense, reddish brown, sandy, angular to subrounded, fine to coarse GRAVEL of red brick (80%), slate (10%) and mixed lithologies (10%).										2.00					
														3.00-3.45	10				
		54.70		MADE GROUND: Medium dense, brown, slightly clayey, gravelly SAND. Gravel is angular to subangular of fine to coarse red brick (20%), slate (10%), concrete (10%) and mixed lithologies (60%). Sand is in excess of 50% ash.										3.50					
														4.00					
														5.00-5.45	4				
														6.00-6.45	5				
		51.75		Window sample terminated at 6.45m bgl.															
														7.00					
														8.00					
														9.00					
														10.00					
<div>Groundwater</div>					<div>Boring</div>					<div>SPT's</div>									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	6.45m				1.00-1.45 - 2/4/5/4/5/8 3.00-3.45 - 1/3/2/4/2/2 5.00-5.45 - 1/3/1/1/1/1 6.00-6.45 - 1/2/1/2/1/1									
DRY	-	-	-		Depth of Casing	-				<div>Comments:</div> <div>-All dimensions in metres unless otherwise stated.</div>									
					Chiseling (hrs)	-													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Dry & light cloud</div> <div>Recently: Dry</div>					<div>Ground Lvl AOD: 58.00m</div> <div>By: JG</div> <div>Checked: MC</div>					<div>Job No: 2898</div> <div>Date: 29/06/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		58.00																	
		57.90		MADE GROUND: Grassed TOPSOIL with frequent rootlets.										0.10					
		57.70		MADE GROUND: Medium dense, orangeish brown, clayey, gravelly SAND. Gravel is subangular of fine to medium red brick (30%), concrete (20%) and mixed lithologies (50%).										0.30					
		56.90		MADE GROUND: Medium dense, slightly clayey, very sandy, angular to subangular, fine to coarse GRAVEL of red brick (30%), concrete (25%), bitumen (10%) and mixed lithologies (35%).										1.10					
		56.70												1.30					
		55.90		MADE GROUND: Loose, dark brown, sandy, subangular, fine to medium GRAVEL of concrete (20%), red brick (20%) and mixed lithologies (60%).										2.00-2.45	12				
				MADE GROUND: Soft to firm, greyish brown, slightly gravelly, sandy CLAY with frequent half and whole bricks. Gravel is angular to subangular of fine to coarse red brick (30%), concrete (25%), bitumen (10%) and mixed lithologies (35%). - Becoming slightly gravelly from 2.00m.										2.10					
				MADE GROUND: Soft to firm, brown, slightly sandy, slightly gravelly, silty CLAY. Gravel is angular to subangular of fine to medium red brick (30%), concrete (20%), bitumen (10%) and mixed lithologies (40%). - Occasional half and whole bricks from 2.70m. - Becoming firm from 3.70m. - Thin band of dark brown, sandy, angular to subrounded, fine to medium GRAVEL of red brick (20%), slag (15%), bitumen (10%) and mixed lithologies (55%) (0.10m thick). - With occasional angular, cobble sized plywood fragments at 4.80m.										3.00					
														4.00-4.45	4				
														5.00					
		52.00		Window sample terminated at 6.00m bgl.										6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	6.00m				2.00-2.45 - 1/3/1/3/4/4 4.00-4.45 - 1/1/1/1/1/1									
DRY	-	-	-		Depth of Casing	-				Comments: -All dimensions in metres unless otherwise stated. -Dynamic probe undertaken to 10.00m bgl.									
					Chiseling (hrs)	-													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

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										Ref: WS6			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny & Warm Recently: Sunny & Warm					Ground Lvl AOD: 56.90m <div>By: JG Checked: MC</div>		Job No: 2898 Date: 30/06/2015		
Pipe	Water	AOD (m)	Legend	Description of strata							Depth (m)		SPT (Cu)	
		56.90												
		56.70		MADE GROUND: Loose, brown, fine SAND.							0.20			
		56.10		MADE GROUND: Soft to firm, brown, gravelly CLAY. Gravel is subangular of fine to coarse red brick (80%), slag (10%) and mixed lithologies (10%).							0.80			
		55.50		MADE GROUND: Loose, reddish brown, silty, subangular, fine to coarse GRAVEL of red brick (60%) and mixed lithologies (40%).							1.00			
		55.00		MADE GROUND: Loose, black, clayey, sandy, subangular, fine to coarse GRAVEL of shale (40%), slag (30%), glass (20%) and mixed lithologies (10%).							1.40			
		54.90		MADE GROUND: Very soft, brown, gravelly CLAY. Gravel is subangular to subrounded of fine to coarse red brick (50%) and mixed lithologies (50%).							1.90		4	
		54.60									2.00–2.45			
											2.30			
				MADE GROUND: Loose, black, clayey, subangular, fine to coarse GRAVEL of slate (50%) and glass (50%).							3.00			
				MADE GROUND: Very soft, wet, grey, gravelly CLAY. Gravel is subangular to subrounded of fine to coarse red brick (30%), slag (30%) and mixed lithologies (40%). – Becoming very gravelly from 3.00m. – Becoming gravelly from 3.50m.							4.00–4.45		8	
		51.90		Window sample terminated at 5.00m bgl.							5.00			
											6.00			
											7.00			
											8.00			
											9.00			
											10.00			
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	5.00m		2.00–2.45 – 1/1/1/1/1/1 4.00–4.45 – 0/0/2/2/2/2						
DRY	–	–	–		Depth of Casing	–		Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 13.00m bgl.						
					Chiseling (hrs)	–								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Sunny & Warm</div> <div>Recently: Sunny & Warm</div>					<div>Ground Lvl AOD: 56.90m</div> <div>By: JG</div> <div>Checked: MC</div>					<div>Job No: 2898</div> <div>Date: 30/06/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		56.90																	
		56.80		MADE GROUND: Sandy TOPSOIL.										0.10					
		56.50		MADE GROUND: Very firm, slightly sandy, gravelly CLAY. Gravel is subangular of fine red brick (10%) and mixed lithologies (90%).										0.40					
		55.80		MADE GROUND: Firm, greyish brown, slightly gravelly, silty, CLAY. Gravel is angular to subrounded of fine to coarse red brick (10%), bitumen (10%) and mixed lithologies (80%).										1.00–1.45	19				
				MADE GROUND: Loose, black SAND AND GRAVEL. Gravel is angular to subangular of fine to medium slag (80%) and mixed lithologies (20%).										1.10					
														2.00					
														3.00–3.45	5				
		53.20												3.70					
		52.90		MADE GROUND: Loose, brown, clayey, silty, gravelly, fine to medium SAND. Gravel subangular of fine is red brick (25%) and mixed lithologies (75%). – Stained black from 3.80m.										4.00					
				Window sample terminated at 4.00m bgl.															
														5.00					
														6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				1.00–1.45 – 7/9/6/5/5/3 3.00–3.45 – 1/1/1/1/2/1									
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated. –Dip from 4.00m due to ash fall to 2.00m. –Dynamic probe undertaken to 12.00m bgl.									
Key: Water strike Water level (20mln)					Chiseling (hrs)	–													
					Starter pit Y/N	N													

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										Ref: WS8			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny & Warm Recently: Sunny & Warm					Ground Lvl AOD: 56.70m By: JG Checked: MC		Job No: 2898 Date: 30/06/2015		
Pipe	Water	AOD (m)	Legend	Description of strata							Depth (m)	SPT (Cu)		
		56.70												
		56.65		MADE GROUND: TOPSOIL.							0.05			
				MADE GROUND: Firm, brown, slightly gravelly, sandy CLAY with occasional half and whole bricks. Gravel is subangular to subrounded of fine to coarse red brick (50%), bitumen (15%) and mixed lithologies (35%).							1.00			
		54.70		MADE GROUND: Medium dense, light brown, very sandy, angular to subrounded, fine to coarse GRAVEL of concrete (20%), red brick (10%) and mixed lithologies (70%).							2.00–2.45	12		
											3.00			
		53.20		MADE GROUND: Medium dense, black, very sandy, angular to subrounded, fine to medium GRAVEL of bitumen (20%), slag (20%), red brick (10%) and mixed lithologies (50%). Sand is in excess of 30% ash.							3.50			
		52.70		Window sample terminated at 4.00m bgl.							4.00			
											5.00			
											6.00			
											7.00			
											8.00			
											9.00			
											10.00			
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				2.00–2.45 – 2/1/1/2/5/4				
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated. –Dip from 4.00m due to fall to 3.00m. –Dynamic probe undertaken to 12.00m bgl.				
					Chiseling (hrs)	–								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

Groundwater					Boring		SPT's	
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m	1.00–1.45 – 7/9/5/4/5/4 3.00–3.45 – 1/0/0/1/0/0	
DRY	–	–	–		Depth of Casing	–		
Key:  Water strike  Water level (20mln)					Chiseling (hrs)	–		Comments: –All dimensions in metres unless otherwise stated. –Dip from 4.00m due to ash fall to 2.80m.
					Starter pit Y/N	N		

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										Ref: WS10			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny Recently: Sun & Showers			Ground Lvl AOD: 57.00m By: JG Checked: MC		Job No: 2898 Date: 03/07/2015				
Pipe	Water	AOD (m)	Legend	Description of strata						Depth (m)		SPT (Cu)		
		57.00												
		56.90		MADE GROUND: TOPSOIL.						0.10		7		
		56.20		MADE GROUND: Firm, brown, slightly sandy, gravelly CLAY. Gravel is angular to subangular of fine to coarse red brick (50%), slag (40%) and mixed lithologies (10%).						0.80				
		55.80		MADE GROUND: Loose, dark brown to black, slightly clayey, very gravelly SAND. Gravel is angular to subangular of fine to coarse red brick (20%) and mixed lithologies (80%). Sand is fine to coarse.						1.00–1.45				
				MADE GROUND: Soft, brown, mottled black, slightly gravelly, silty CLAY. Gravel is angular to subrounded of fine to coarse red brick (30%), slag (30%), concrete (15%) and mixed lithologies (25%). Sand is in excess of 40% ash. – Brick and slag gravel layer (0.20m) at 1.50m.						1.20				
				MADE GROUND: Soft, brown, mottled black, slightly gravelly, silty CLAY. Gravel is angular to subrounded of fine to coarse red brick (30%), slag (30%), concrete (15%) and mixed lithologies (25%). Sand is in excess of 40% ash. – Brick and slag gravel layer (0.20m) at 1.50m.						2.00				
				– Becoming damp from 3.50m.						3.00–3.45		4		
		52.75		MADE GROUND: loose, Damp, grey, clayey, angular to subangular GRAVEL of fine to coarse red brick (60%) and mixed lithologies (40%).						4.00		4		
		52.45		MADE GROUND: Soft, grey, slightly gravelly CLAY. Gravel is subangular to subrounded of fine red brick (10%) and mixed lithologies (90%). Hydrocarbon odour.						4.30				
										5.00–5.45				
		50.75		Window sample terminated at 6.00m bgl.						6.00				
										7.00				
										8.00				
										9.00				
										10.00				
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	6.00m		1.00–1.45 – 1/2/2/1/2/2 3.00–3.45 – 3/1/1/1/1/1 5.00–5.45 – 0/0/0/1/2/1						
DRY	–	–	–		Depth of Casing	–		Comments: –All dimensions in metres unless otherwise stated. –Damp from 4.50m. –Wet from 5.00–6.00m. –Dynamic probe undertaken to 10.00m bgl.						
Key: Water strike Water level (20mln)					Chiseling (hrs)	–								
					Starter pit Y/N	N								

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Sunny</div> <div>Recently: Sun & Showers</div>					<div>Ground Lvl AOD: 56.80m</div> <div>By: JG</div> <div>Checked: MC</div>					<div>Job No: 2898</div> <div>Date: 03/07/2015</div>																	
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)																	
		56.80																														
		56.75		MADE GROUND: TOPSOIL.										0.05																		
		56.65		MADE GROUND: Loose, brown, gravelly, fine to medium SAND. Gravel is subangular of fine red brick (10%) and mixed lithologies (90%).										0.15																		
		56.50												0.30																		
		55.80		MADE GROUND: Loose, grey, sandy, subangular, medium GRAVEL of concrete (30%) and mixed lithologies (70%).										1.00																		
		55.40		MADE GROUND: Firm to stiff, dark brown, slightly sandy, slightly gravelly, silty CLAY. Gravel is angular to subrounded of fine to coarse red brick (40%), concrete (10%) and mixed lithologies (50%).										1.40																		
		54.80		MADE GROUND: Loose, grey, sandy, subangular, medium GRAVEL of concrete (30%) and mixed lithologies (70%) with occasional half and whole bricks.										2.00–2.45	6																	
		54.30		MADE GROUND: Firm to stiff, dark grey, slightly sandy, slightly gravelly, silty CLAY. Gravel is angular to subrounded of fine to coarse red brick (30%), slag (10%), bitumen (10%) and mixed lithologies (60%). Sand is in excess of 40%. – Frequent whole and half brick from 1.90m.										2.50																		
		53.80												3.00																		
		53.30		MADE GROUND: Loose, black, very gravelly SAND. Gravel is angular to subrounded of fine to medium red brick (20%), slag (15%), bitumen (15%), plastic (10%) and mixed lithologies (40%). Sand is in excess of 50% ash.										3.50																		
		52.50		MADE GROUND: Soft, slightly damp, dark grey, silty CLAY.										4.00–4.45	4																	
				MADE GROUND: Loose, black, very gravelly SAND with frequent half and whole bricks. Gravel is angular to subrounded of fine to medium red brick (20%), slag (15%), bitumen (15%), plastic (10%) and mixed lithologies (40%). Sand is in excess of 50% ash.										4.30																		
				MADE GROUND: Firm, brown, slightly gravelly, silty CLAY. Gravel is angular to subrounded of fine to coarse slag (20%) and mixed lithologies (80%).										5.00																		
				MADE GROUND: Soft, wet, dark grey, slightly gravelly, silty CLAY. Gravel is angular to subangular of fine to medium bitumen (20%), slag (15%), plastic (10%) and mixed lithologies (55%). Sand is in excess of 30% ash. – Becoming firm and light grey from 5.70m.										6.00–6.45	16																	
		49.80		Window sample terminated at 7.00m bgl.										7.00																		
														8.00																		
														9.00																		
														10.00																		
<div>Groundwater</div> <table><tr><td>Depth Struck</td><td>Elapsed Time</td><td>Water Level</td><td>Depth Sealed</td><td>Remarks</td></tr><tr><td>DRY</td><td>–</td><td>–</td><td>–</td><td></td></tr></table>					Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	DRY	–	–	–		<div>Boring</div> <table><tr><td>Depth of borehole</td><td>7.00m</td></tr><tr><td>Depth of Casing</td><td>–</td></tr><tr><td>Chiseling (hrs)</td><td>–</td></tr><tr><td>Starter pit Y/N</td><td>N</td></tr></table>					Depth of borehole	7.00m	Depth of Casing	–	Chiseling (hrs)	–	Starter pit Y/N	N	<div>SPT's</div> <div>2.00–2.45 – 2/2/2/1/1 4.00–4.45 – 1/1/1/1/1 6.00–6.45 – 3/3/4/4/4/4</div> <div>Comments:</div> <div>–All dimensions in metres unless otherwise stated. –Damp from 4.00–5.00m. –Wet from 5.00–7.00m. –No recovery from 6.00–7.00m. –Dynamic probe undertaken to 11.00m bgl.</div>				
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks																												
DRY	–	–	–																													
Depth of borehole	7.00m																															
Depth of Casing	–																															
Chiseling (hrs)	–																															
Starter pit Y/N	N																															
<div>Key:</div> <div> Water strike</div> <div> Water level (20mln)</div>																																

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										Ref: WS12			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny Recently: Sun & Showers			Ground Lvl AOD: 56.95m By: LR Checked: MC		Job No: 2898 Date: 03/07/2015				
Pipe	Water	AOD (m)	Legend	Description of strata						Depth (m)	SPT (Cu)			
		56.95												
		56.65		MADE GROUND: Grassed, slightly gravelly TOPSOIL. Gravel is subangular to rounded of fine to medium mixed lithologies.						0.30				
		55.95		MADE GROUND: Dense, dark brown, slightly sandy, silty, gravelly CLAY. Gravel is subangular to subrounded of fine to coarse red brick (20%), slag (10%), glass (5%) and mixed lithologies (65%).						1.00				
				MADE GROUND: Loose, slightly clayey, SAND AND GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded of fine to coarse red brick (25%), slag (15%) and mixed lithologies (60%).						2.00–2.45	5			
		54.20								2.75				
		53.95		MADE GROUND: Loose, black SAND AND GRAVEL. Sand is coarse. Gravel is angular to subrounded of fine to coarse slag (80%) and mixed lithologies (20%).						3.00				
				Window sample terminated at 3.00m bgl.										
										4.00				
										5.00				
										6.00				
										7.00				
										8.00				
										9.00				
										10.00				
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	3.00m 2.00–2.45 – 1/2/1/2/1/1								
DRY	–	–	–		Depth of Casing	–								
					Chiseling (hrs)	–								
					Starter pit Y/N	N								
Key: Water strike Water level (20mln)					Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 13.00m bgl.									

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					Ref: <div>WS13</div>					Rev: <div>-</div>									
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny Recently: Sun & Showers					<div>Ground Lvl AOD: 57.20m</div> <div>By: LR</div> <div>Checked: MC</div>					Job No: 2898 Date: 08/07/2015				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		57.20																	
		57.10		MADE GROUND: Grassed TOPSOIL.										0.10	5				
		56.50		MADE GROUND: Firm to stiff, brown, slightly sandy, slightly gravelly, silty CLAY with occasional half and whole bricks. Gravel is subangular of medium to coarse red brick (30%), concrete (20%) and mixed lithologies (50%).										0.70					
		55.90		MADE GROUND: Loose to medium dense, dark brown, very sandy, angular to subangular, fine to medium GRAVEL of red brick (30%), concrete (20%), slag (15%) and mixed lithologies (35%).										1.30					
		55.80		MADE GROUND: Soft, grey, silty CLAY.										1.40					
				MADE GROUND: Loose to medium dense, dark brown, very sandy, angular to subangular, fine to medium GRAVEL of red brick (30%), concrete (20%), slag (15%) and mixed lithologies (35%).										2.00–2.45					
		54.50		MADE GROUND: Soft, dark grey, slightly gravelly, silty CLAY. Gravel is subangular of medium to coarse red brick (60%) and mixed lithologies (40%).										2.70					
				– Hydrocarbon odour and staining from 3.70m.										3.00					
		53.20		Window sample terminated at 4.00m bgl.										4.00					
														5.00					
														6.00					
													7.00						
													8.00						
													9.00						
													10.00						
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				2.00–2.45 – 1/2/1/2/1/1									
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated.									
					Chiseling (hrs)	–													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

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										Ref: WS14			Rev: -						
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Sunny					Ground Lvl AOD: 57.80m					Job No: 2898				
					Recently: Sun & Showers					By: LR		Checked: MC			Date: 08/07/2015				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)		SPT (Cu)			
		57.80																	
		57.65		MADE GROUND: Grassed TOPSOIL.										0.15					
				MADE GROUND: Firm, soft in places, brown, slightly sandy, gravelly CLAY. Gravel is angular to subangular of fine to coarse red brick (40%), concrete (20%) and mixed lithologies (40%).										1.00–1.45		11			
				– Occasional half and whole bricks from 2.20m to 2.80m.										2.00					
				– Hydrocarbon odour and staining from 3.40m to 3.70m.										3.00–3.45		5			
														4.00					
		52.80		Window sample terminated at 5.00m bgl.										5.00					
														6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole					5.00m									
DRY	–	–	–		Depth of Casing					–									
					Chiseling (hrs)					–									
					Starter pit Y/N					N									
Key: Water strike Water level (20mln)					Comments: –All dimensions in metres unless otherwise stated. –No recovery from 4.00–5.00m. –Dynamic probe undertaken to 9.00m bgl.														

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Sunny</div> <div>Recently: Sun & Showers</div>					<div>Ground Lvl AOD: 57.25m</div> <div>By: LR</div> <div>Checked: MC</div>					<div>Job No: 2898</div> <div>Date: 08/07/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		57.25																	
		57.05		MADE GROUND: Grassed TOPSOIL.										0.20					
		56.95		MADE GROUND: Firm to stiff, black, slightly sandy, slightly gravelly, silty CLAY with occasional rootlets. Gravel is subangular of fine mixed lithologies.										0.30					
				MADE GROUND: Firm becoming soft, black, slightly sandy, slightly gravelly, silty CLAY. Gravel is angular to subangular of fine to coarse red brick (20%), bitumen (10%), timber (5%) and mixed lithologies (65%).										1.00					
				- Becoming soft from 1.90m.										2.00-2.45	4				
		54.25		Window sample terminated at 3.00m bgl.										3.00					
														4.00					
														5.00					
														6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	3.00m				2.00-2.45 - 0/1/1/1/1/1									
DRY	-	-	-		Depth of Casing	-				Comments: -All dimensions in metres unless otherwise stated. -Window sample terminated at 3.00m due to obstruction.									
					Chiseling (hrs)	-													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

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										Ref: <div>WS16</div>			Rev: <div>-</div>	
<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Overcast & Wet</div> <div>Recently: Wet</div>					<div>Ground Lvl AOD: 56.95m</div> <div>By: LR</div> <div>Checked: MC</div>		<div>Job No: 2898</div> <div>Date: 08/07/2015</div>		
Pipe	Water	AOD (m)	Legend	Description of strata							Depth (m)	SPT (Cu)		
		56.95												
		56.85		MADE GROUND: Grassed TOPSOIL.							0.10			
				MADE GROUND: Firm, brown, gravelly CLAY. Gravel is subangular of fine to coarse red brick (30%), plastic (10%) and mixed lithologies (60%).							0.80			
		56.05		MADE GROUND: Medium dense becoming loose, black, sandy, subangular, fine to coarse GRAVEL of red slag (60%), ash (20%), brick (10%) and mixed lithologies (10%).							1.00–1.45	24		
				– Becoming clayey from 1.90m to 2.00m.							2.00			
				– Becoming loose from 2.40m.										
											3.00–3.45	3		
		52.95		MADE GROUND: Soft, blackish brown, gravelly CLAY. Gravel is subangular of fine to coarse red brick (50%) and slag (50%).							3.90			
		52.85		Window sample terminated at 4.00m bgl.							4.00			
											5.00			
											6.00			
											7.00			
											8.00			
											9.00			
											10.00			
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				1.00–1.45 – 2/9/7/6/6/5 3.00–3.45 – 0/1/2/0/1/0				
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 6.00m bgl.				
					Chiseling (hrs)	–								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

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<div>Project: Unity Community Primary, Cheetwood, Manchester</div>					<div>Weather: Overcast & Wet</div> <div>Recently: Wet</div>					<div>Ground Lvl AOD: 57.25m</div> <div>By: LR</div> <div>Checked: MC</div>					<div>Job No: 2898</div> <div>Date: 10/07/2015</div>				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)	SPT (Cu)				
		57.25																	
		57.20		MADE GROUND: Grassed TOPSOIL.										0.05					
		56.60		MADE GROUND: Medium dense, brown, clayey, gravelly SAND. Gravel is angular to subrounded of fine to medium red brick (20%), tarmac (20%) and mixed lithologies (60%).										0.65					
				MADE GROUND: Medium dense, brown, slightly clayey, silty, gravelly SAND with occasional half and whole bricks. Gravel is angular to subrounded of fine to coarse red brick (20%), concrete (20%), tarmac (20%) and mixed lithologies (40%).										1.00					
		55.25		MADE GROUND: Soft, dark brown, slightly gravelly CLAY. Gravel is subangular of fine to coarse red brick (80%) and mixed lithologies (20%). - With black staining from 2.30m to 2.60m										2.00-2.45	4				
														3.00					
		53.25		Window sample terminated at 4.00m bgl.										4.00					
														5.00					
														6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				2.00-2.45 - 1/1/1/1/1									
DRY	-	-	-		Depth of Casing	-				Comments: -All dimensions in metres unless otherwise stated. -No recovery from 2.00-3.00m due to obstruction. -Dynamic probe undertaken to 8.00m bgl.									
					Chiseling (hrs)	-													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

<div><div>Integra</div><div>consulting environmental</div></div>					<div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div> <div>Ver 1.0</div>					Window Sample Log									
										Ref: WS18			Rev: -						
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Overcast & Wet					Ground Lvl AOD: 56.85m					Job No: 2898				
					Recently: Wet					By: LR		Checked: MC			Date: 10/07/2015				
Pipe	Water	AOD (m)	Legend	Description of strata										Depth (m)		SPT (Cu)			
		56.85																	
		56.55		MADE GROUND: Grassed TOPSOIL.										0.30					
		55.85		MADE GROUND: Medium dense, brown, slightly clayey, gravelly SAND with occasional rootlets. Gravel is angular to subangular of fine to medium red brick (15%), concrete (15%) and mixed lithologies (70%).										1.00–1.45		23			
		54.05		MADE GROUND: Medium dense, black, slightly gravelly SAND. Gravel is angular of fine slag (80%), brick (10%) and mixed lithologies (10%). – Occasional half and whole bricks at 1.50m.										2.00					
		53.35		MADE GROUND: Loose, greyish brown, slightly clayey, very gravelly SAND. Gravel is angular to subangular of fine to medium concrete (30%), sandstone (20%) and mixed lithologies (50%).										2.80					
		52.85		MADE GROUND: Loose, black, gravelly SAND with occasional half and whole bricks. Gravel is angular to subangular of fine red brick (50%) and slag (50%).										3.00–3.45		3			
				Window sample terminated at 4.00m bgl.										3.50					
														4.00					
														5.00					
														6.00					
														7.00					
														8.00					
														9.00					
														10.00					
Groundwater					Boring					SPT's									
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				1.00–1.45 – 3/6/6/7/6/4 3.00–3.45 – 1/1/1/0/1/1									
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 8.00m bgl.									
					Chiseling (hrs)	–													
Key: Water strike Water level (20mln)					Starter pit Y/N	N													

<div><div>Integra</div><div>consulting environmental</div></div>					<div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div>					Window Sample Log				
										Ref: WS19			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Overcast & Wet Recently: Wet					Ground Lvl AOD: 56.55m <div>By: LRChecked: MC</div>		Job No: 2898 Date: 10/07/2015		
Pipe	Water	AOD (m)	Legend	Description of strata							Depth (m)	SPT (Cu)		
		56.55												
		56.45		MADE GROUND: Grassed TOPSOIL.							0.10			
		55.75		MADE GROUND: Medium dense, brown, gravelly SAND. gravel is angular to subangular of fine to medium red brick (15%), asphalt (10%), mudstone (10%), plastic (5%) and mixed lithologies (60%). – Rubber play surfacing at 0.40m (0.10m thick). – Becoming very gravelly from 0.70m.							0.80			
		55.35		MADE GROUND: Loose to medium dense, brown, very gravelly SAND with occasional half and whole bricks. Gravel is angular to subangular of fine to coarse slag (50%), red brick (30%) and mixed lithologies (20%). Sand is in excess of 30%.							1.20			
		55.25		MADE GROUND: Soft, brown silty CLAY with rare gravel of angular, fine red brick (40%) and mixed lithologies (60%).							1.30			
				MADE GROUND: Medium dense, dark greyish black, clayey, gravelly SAND. Gravel is angular to subangular of fine to coarse slag (50%), red brick (10%), mudstone (10%) and mixed lithologies (30%). Sand is in excess of 40% ash.							2.00–2.45	6		
		52.95		MADE GROUND: Soft, brown, black in places, sandy, slightly gravelly CLAY. Gravel is angular of fine to medium slag (30%), red brick (30%) and mixed lithologies (40%).							3.60			
		52.55		Window sample terminated at 4.00m bgl.							4.00			
											5.00			
											6.00			
											7.00			
											8.00			
											9.00			
											10.00			
Groundwater					Boring			SPT's						
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m				2.00–2.45 – 1/2/1/2/2/1				
DRY	–	–	–		Depth of Casing	–				Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 8.00m bgl.				
					Chiseling (hrs)	–								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

<div><div>Integra</div><div>consulting environmental</div></div>					<div>Suite 4, 14-32 Hewitt St, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310</div> <div>Ver 1.0</div>					Window Sample Log				
										Ref: WS20			Rev: -	
Project: Unity Community Primary, Cheetwood, Manchester					Weather: Overcast & Wet Recently: Wet					Ground Lvl AOD: 56.50m <div>By: LRChecked: MC</div>		Job No: 2898 Date: 10/07/2015		
Pipe	Water	AOD (m)	Legend	Description of strata							Depth (m)	SPT (Cu)		
		56.50												
		56.40		MADE GROUND: Grassed TOPSOIL.							0.10	6		
		56.00		MADE GROUND: Loose to medium dense, brown, gravelly SAND. Gravel is angular to subangular of fine to coarse concrete (60%), red brick (25%) and mixed lithologies (15%).							0.50			
		55.40		MADE GROUND: Dense, grey, angular to subangular, fine to coarse GRAVEL of aggregate (SUB-BASE).							1.00–1.45 1.10			
		53.80		MADE GROUND: Soft to firm, wet, brown, slightly sandy, slightly gravelly, silty CLAY. Gravel is angular to subangular of fine to medium red brick (30%), concrete (30%), mudstone (5%), plastic (5%) and mixed lithologies (30%). – With occasional half and whole bricks and concrete at 1.00m. – Gravel is angular of fine to medium red brick (50%) and mixed lithologies (50%) from 2.10m.							2.00			
		52.50		MADE GROUND: Loose, black, very gravelly SAND. Gravel is angular of fine to coarse slag (30%), red brick (20%), concrete (20%) and mixed lithologies (30%). Humic odour.							2.70 3.00–3.45	6		
				Window sample terminated at 4.00m bgl.							4.00			
											5.00			
											6.00			
											7.00			
											8.00			
											9.00			
											10.00			
Groundwater					Boring		SPT's			Runs				
Depth Struck	Elapsed Time	Water Level	Depth Sealed	Remarks	Depth of borehole	4.00m	1.00–1.45 – 1/2/2/2/1/1 3.00–3.45 – 1/1/2/1/2/1			0m to 1m – xxmm diameter 1m to 2m – XXmm diameter 2m to 3m – XXmm diameter				
DRY	–	–	–		Depth of Casing	–	Comments: –All dimensions in metres unless otherwise stated. –Dynamic probe undertaken to 8.00m bgl.							
					Chiseling (hrs)	–								
Key: Water strike Water level (20mln)					Starter pit Y/N	N								

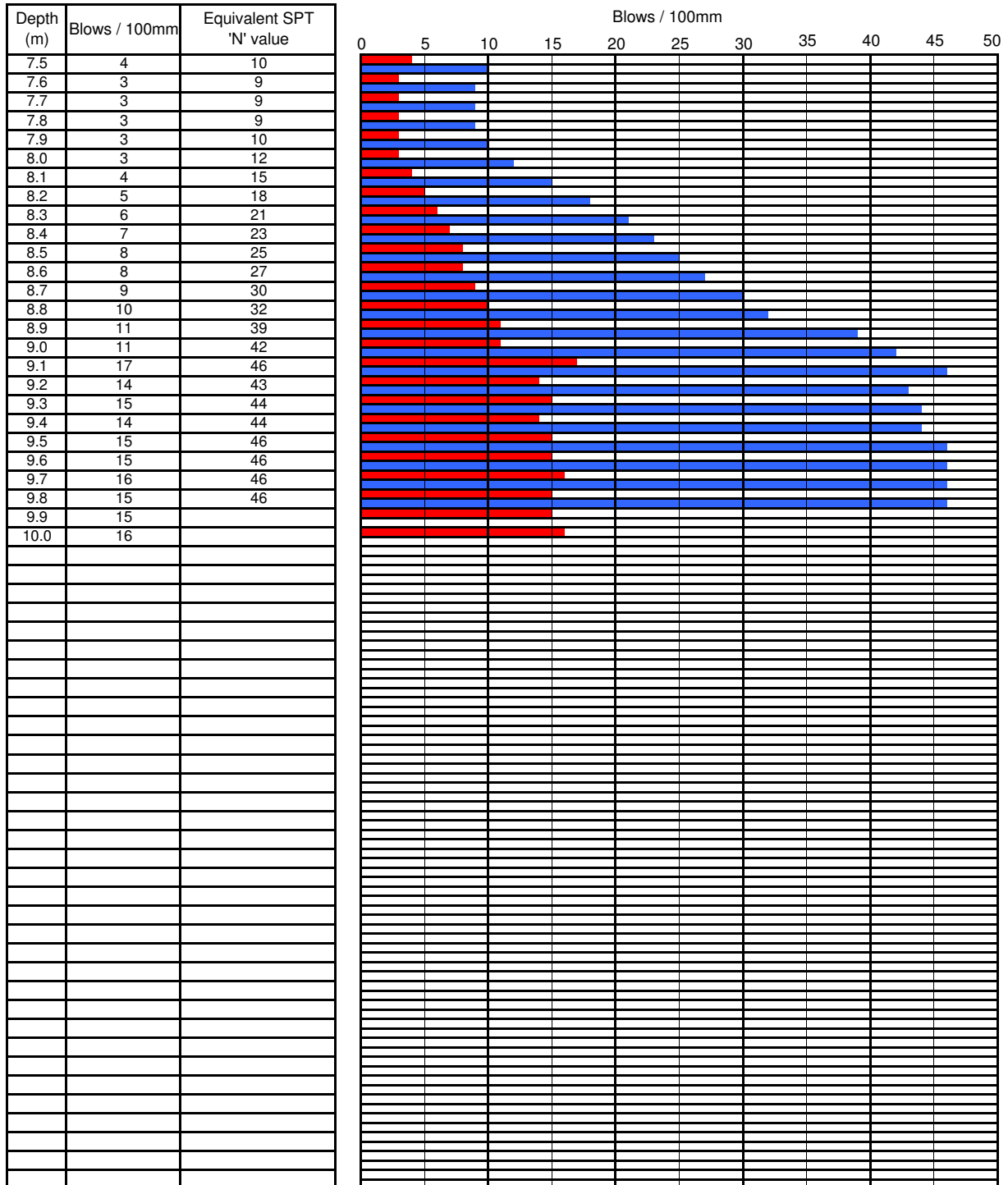
APPENDIX 5

DYNAMIC PROBE LOGS



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2 CONE BURIED: PROBE HOLE BACKFILLED: REMARKS:
DRILLER:	D P DRILLING SERVICES	
PROBE NUMBER:	WS1	
DATE:	29-Jun-15	



Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value

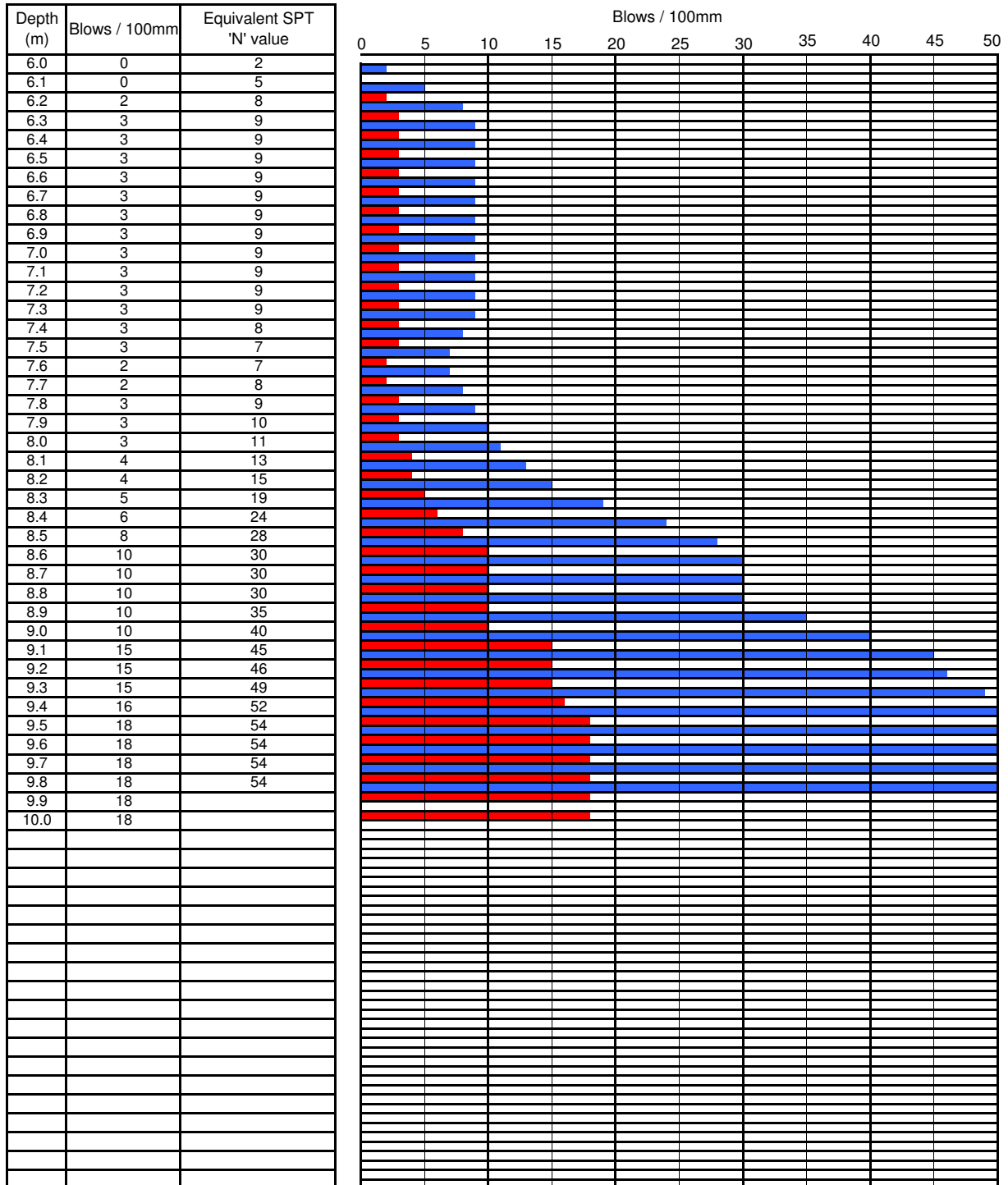
[illegible]

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2 CONE BURIED: PROBE HOLE BACKFILLED: REMARKS:
DRILLER:	D P DRILLING SERVICES	
PROBE NUMBER:	WS5	
DATE:	29-Jun-15	



Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value

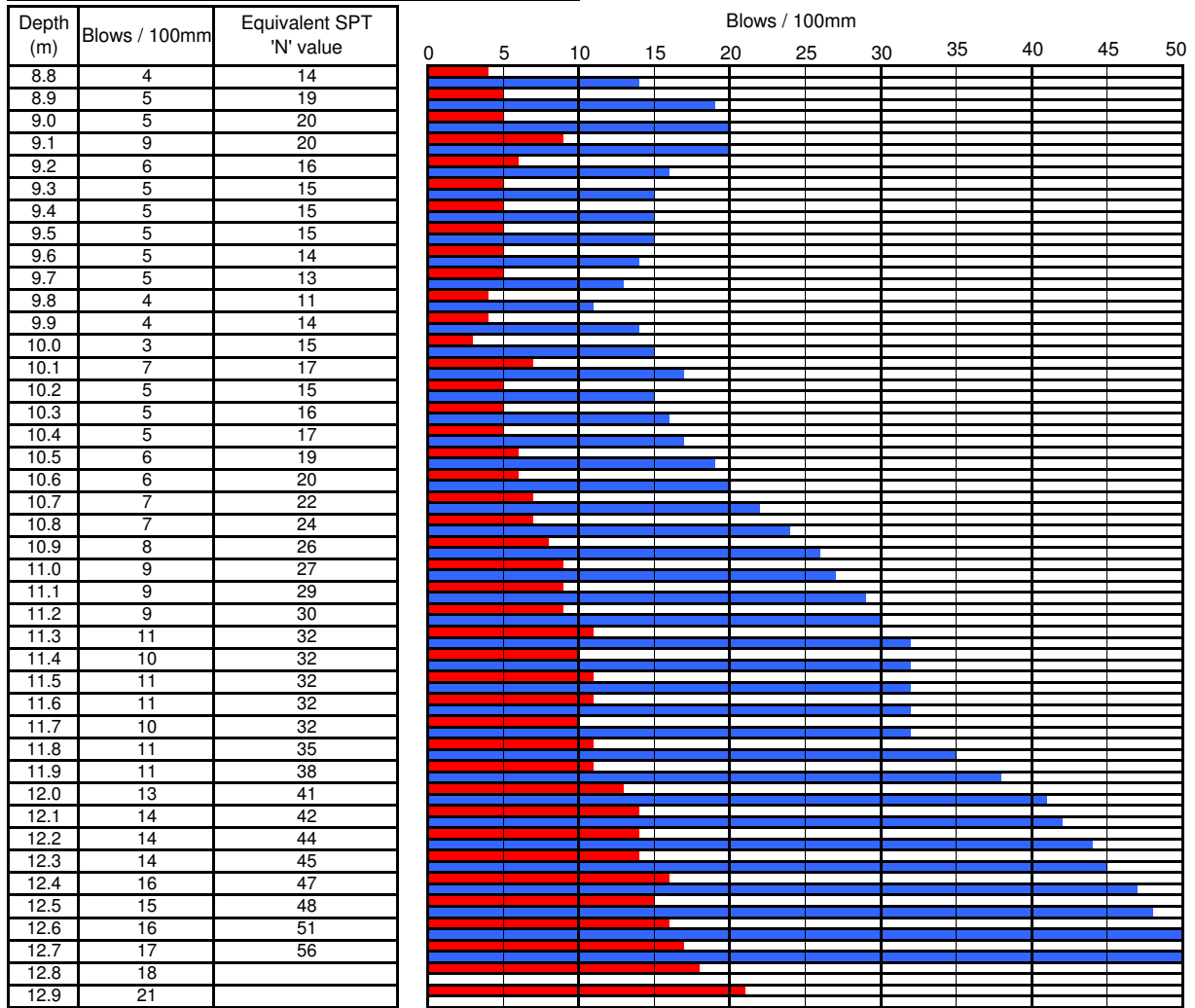


Depth (m)	Blows / 100mm	Equivalent SPT 'N' value	Blows / 100mm										
			0	5	10	15	20	25	30	35	40	45	50
5.0	1	4											
5.1	2	6											
5.2	1	5											
5.3	3	6											
5.4	1	4											
5.5	2	3											
5.6	1	1											
5.7	0	1											
5.8	0	2											
5.9	1	3											
6.0	1	2											
6.1	1	1											
6.2	0	3											
6.3	0	4											
6.4	3	5											
6.5	1	3											
6.6	1	3											
6.7	1	3											
6.8	1	3											
6.9	1	4											
7.0	1	4											
7.1	2	4											
7.2	1	3											
7.3	1	3											
7.4	1	3											
7.5	1	4											
7.6	1	4											
7.7	2	4											
7.8	1	3											
7.9	1	5											
8.0	1	7											
8.1	3	9											
8.2	3	9											
8.3	3	9											
8.4	3	9											
8.5	3	9											
8.6	3	10											
8.7	3	12											
8.8	4	14											
8.9	5												
9.0	5												



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2 CONE BURIED: PROBE HOLE BACKFILLED: REMARKS:
DRILLER:	D P DRILLING SERVICES	
PROBE NUMBER:	WS6 (2)	
DATE:	30-Jun-15	



Dynamic probe value (Blows/100mm)

Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS7	PROBE HOLE BACKFILLED:
DATE:	30-Jun-15	REMARKS:

Depth (m)	Blows / 100mm	Equivalent SPT 'N' value	Blows / 100mm
4.0	0	1	0
4.1	0	2	5
4.2	1	3	10
4.3	1	3	15
4.4	1	3	20
4.5	1	3	25
4.6	1	3	30
4.7	1	3	35
4.8	1	3	40
4.9	1	3	45
5.0	1	3	50
5.1	1	3	
5.2	1	3	
5.3	1	3	
5.4	1	3	
5.5	1	3	
5.6	1	3	
5.7	1	3	
5.8	1	3	
5.9	1	3	
6.0	1	4	
6.1	1	5	
6.2	2	7	
6.3	2	8	
6.4	3	9	
6.5	3	7	
6.6	3	5	
6.7	1	3	
6.8	1	3	
6.9	1	5	
7.0	1	5	
7.1	3	6	
7.2	1	4	
7.3	2	5	
7.4	1	5	
7.5	2	6	
7.6	2	6	
7.7	2	6	
7.8	2	6	
7.9	2	5	
8.0	2	4	
8.1	1	3	
8.2	1	4	
8.3	1	5	
8.4	2	6	
8.5	2	6	
8.6	2	6	
8.7	2	6	
8.8	2	7	
8.9	2	7	
9.0	3	8	
9.1	2	10	
9.2	3	13	
9.3	5	15	
9.4	5	18	
9.5	5	21	
9.6	8	21	
9.7	8	18	
9.8	5	10	
9.9	5	5	

Dynamic probe value (Blows/100mm)

Equivalent SPT 'N' value

[illegible]

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS8	PROBE HOLE BACKFILLED:
DATE:	30-Jun-15	REMARKS:

Depth (m)	Blows / 100mm	Equivalent SPT 'N' value	Blows / 100mm										
			0	5	10	15	20	25	30	35	40	45	50
4.0	1	3											
4.1	1	3											
4.2	1	2											
4.3	1	2											
4.4	0	1											
4.5	1	2											
4.6	0	2											
4.7	1	3											
4.8	1	3											
4.9	1	3											
5.0	1	4											
5.1	1	4											
5.2	2	4											
5.3	1	2											
5.4	1	1											
5.5	0	0											
5.6	0	0											
5.7	0	0											
5.8	0	1											
5.9	0	1											
6.0	1	2											
6.1	0	2											
6.2	1	3											
6.3	1	4											
6.4	1	5											
6.5	2	5											
6.6	2	5											
6.7	1	5											
6.8	2	6											
6.9	2	6											
7.0	2	6											
7.1	2	7											
7.2	2	8											
7.3	3	9											
7.4	3	9											
7.5	3	9											
7.6	3	9											
7.7	3	9											
7.8	3	9											
7.9	3	11											
8.0	3	13											
8.1	5	15											
8.2	5	14											
8.3	5	14											
8.4	4	13											
8.5	5	14											
8.6	4	14											
8.7	5	15											
8.8	5	15											
8.9	5	16											
9.0	5	17											
9.1	6	18											
9.2	6	17											
9.3	6	17											
9.4	5	16											
9.5	6	17											
9.6	5	17											
9.7	6	18											
9.8	6	12											
9.9	6	6											

Dynamic probe value (Blows/100mm)

Equivalent SPT 'N' value

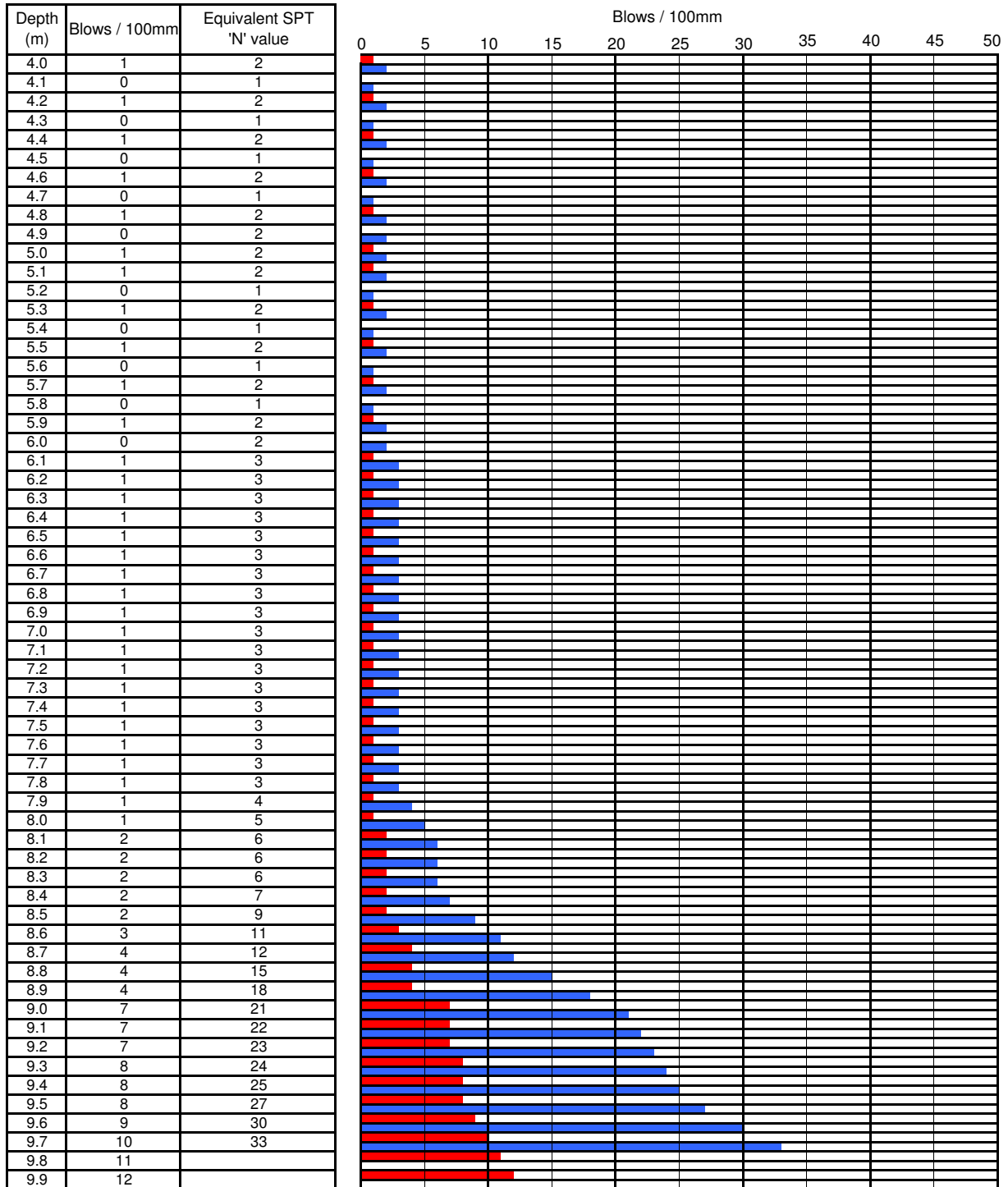
[illegible]

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS9	PROBE HOLE BACKFILLED:
DATE:	30-Jun-15	REMARKS:



[illegible]

Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value

[illegible]

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value



Depth (m)	Blows / 100mm	Equivalent SPT 'N' value
7.0	1	3
7.1	1	3
7.2	1	3
7.3	1	4
7.4	1	5
7.5	2	6
7.6	2	5
7.7	2	5
7.8	1	5
7.9	2	6
8.0	2	6
8.1	2	7
8.2	2	8
8.3	3	11
8.4	3	14
8.5	5	18
8.6	6	20
8.7	7	24
8.8	7	27
8.9	10	30
9.0	10	30
9.1	10	31
9.2	10	33
9.3	11	34
9.4	12	35
9.5	11	35
9.6	12	37
9.7	12	39
9.8	13	42
9.9	14	44
10.0	15	45
10.1	15	48
10.2	15	50
10.3	18	53
10.4	17	53
10.5	18	57
10.6	18	60
10.7	21	66
10.8	21	69
10.9	24	48
11.0	24	24

The chart displays two data series for each depth interval: individual blow counts (red) and the equivalent SPT 'N' value (blue). The red bars are stacked horizontally, starting from the left axis. The blue bars extend further to the right, representing the cumulative 'N' value. The values for the blue bars correspond exactly to the 'Equivalent SPT 'N' value' column in the table above.

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2 CONE BURIED: PROBE HOLE BACKFILLED: REMARKS:
DRILLER:	D P DRILLING SERVICES	
PROBE NUMBER:	WS12	
DATE:	3-Jul-15	

Depth (m)	Blows / 100mm	Equivalent SPT 'N' value	Blows / 100mm										
			0	5	10	15	20	25	30	35	40	45	50
3.1	1	3											
3.2	1	3											
3.3	1	3											
3.4	1	3											
3.5	1	3											
3.6	1	3											
3.7	1	3											
3.8	1	4											
3.9	1	4											
4.0	2	4											
4.1	1	3											
4.2	1	4											
4.3	1	7											
4.4	2	10											
4.5	4	12											
4.6	4	12											
4.7	4	12											
4.8	4	11											
4.9	4	10											
5.0	3	9											
5.1	3	12											
5.2	3	12											
5.3	6	13											
5.4	3	10											
5.5	4	8											
5.6	3	6											
5.7	1	5											
5.8	2	6											
5.9	2	6											
6.0	2	6											
6.1	2	10											
6.2	2	13											
6.3	6	14											
6.4	5	10											
6.5	3	7											
6.6	2	7											
6.7	2	7											
6.8	3	8											
6.9	2	9											
7.0	3	10											
7.1	4	9											
7.2	3	7											
7.3	2	6											
7.4	2	6											
7.5	2	7											
7.6	2	7											
7.7	3	8											
7.8	2	7											
7.9	3	8											
8.0	2	8											
8.1	3	9											
8.2	3	9											
8.3	3	8											
8.4	3	9											
8.5	2	11											
8.6	4	16											
8.7	5	17											
8.8	7	15											
8.9	5	8											
9.0	3	3											

Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value

[illegible]

 Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value



DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2 CONE BURIED: PROBE HOLE BACKFILLED: REMARKS:
DRILLER:	D P DRILLING SERVICES	
PROBE NUMBER:	WS13	
DATE:	8-Jul-15	

Depth (m)	Blows / 100mm	Equivalent SPT 'N' value	Blows / 100mm										
			0	5	10	15	20	25	30	35	40	45	50
4.1	1	3											
4.2	1	2											
4.3	1	2											
4.4	0	2											
4.5	1	2											
4.6	1	2											
4.7	0	2											
4.8	1	3											
4.9	1	3											
5.0	1	3											
5.1	1	4											
5.2	1	4											
5.3	2	4											
5.4	1	3											
5.5	1	4											
5.6	1	6											
5.7	2	8											
5.8	3	10											
5.9	3	10											
6.0	4	10											
6.1	3	9											
6.2	3	8											
6.3	3	7											
6.4	2	6											
6.5	2	6											
6.6	2	6											
6.7	2	6											
6.8	2	6											
6.9	2	7											
7.0	2	9											
7.1	3	10											
7.2	4	10											
7.3	3	8											
7.4	3	7											
7.5	2	5											
7.6	2	4											
7.7	1	6											
7.8	1	9											
7.9	4	9											
8.0	4	7											
8.1	1	4											
8.2	2	4											
8.3	1	3											
8.4	1	3											
8.5	1	5											
8.6	1	7											
8.7	3	10											
8.8	3	14											
8.9	4	14											
9.0	7	14											
9.1	3	9											
9.2	4	7											
9.3	2	6											
9.4	1	7											
9.5	3	9											
9.6	3	9											
9.7	3	9											
9.8	3	9											
9.9	3	6											
10.0	3	3											

Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value



Depth (m)	Blows / 100mm	Equivalent SPT 'N' value
5.1	0	0
5.2	0	1
5.3	0	2
5.4	1	4
5.5	1	5
5.6	2	6
5.7	2	6
5.8	2	7
5.9	2	8
6.0	3	9
6.1	3	11
6.2	3	12
6.3	5	14
6.4	4	14
6.5	5	15
6.6	5	16
6.7	5	17
6.8	6	18
6.9	6	18
7.0	6	19
7.1	6	20
7.2	7	21
7.3	7	21
7.4	7	21
7.5	7	22
7.6	7	23
7.7	8	24
7.8	8	25
7.9	8	24
8.0	9	23
8.1	7	22
8.2	7	25
8.3	8	26
8.4	10	26
8.5	8	23
8.6	8	22
8.7	7	22
8.8	7	23
8.9	8	
9.0	8	

The bar chart displays two data series for each depth interval from 5.1m to 9.0m. The red bars represent the measured blow count per 100mm, while the blue bars represent the equivalent SPT 'N' value. The values generally increase with depth, peaking around 8.4m before slightly decreasing or stabilizing.

Depth (m)	Blows / 100mm (Red Bar)	Equivalent SPT 'N' value (Blue Bar)
5.1	0	0
5.2	0	1
5.3	0	2
5.4	1	4
5.5	1	5
5.6	2	6
5.7	2	6
5.8	2	7
5.9	2	8
6.0	3	9
6.1	3	11
6.2	3	12
6.3	5	14
6.4	4	14
6.5	5	15
6.6	5	16
6.7	5	17
6.8	6	18
6.9	6	18
7.0	6	19
7.1	6	20
7.2	7	21
7.3	7	21
7.4	7	21
7.5	7	22
7.6	7	23
7.7	8	24
7.8	8	25
7.9	8	24
8.0	9	23
8.1	7	22
8.2	7	25
8.3	8	26
8.4	10	26
8.5	8	23
8.6	8	22
8.7	7	22
8.8	7	23
8.9	8	
9.0	8	

■ Dynamic probe value (Blows/100mm) ■ Equivalent SPT 'N' value

[illegible]

Dynamic probe value (Blows/100mm) Equivalent SPT 'N' value

DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS17	PROBE HOLE BACKFILLED:
DATE:	8-Jul-15	REMARKS:

[illegible]

 Dynamic probe value (Blows/100mm)



Equivalent SPT 'N' value

DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS18	PROBE HOLE BACKFILLED:
DATE:	8-Jul-15	REMARKS:

[illegible]

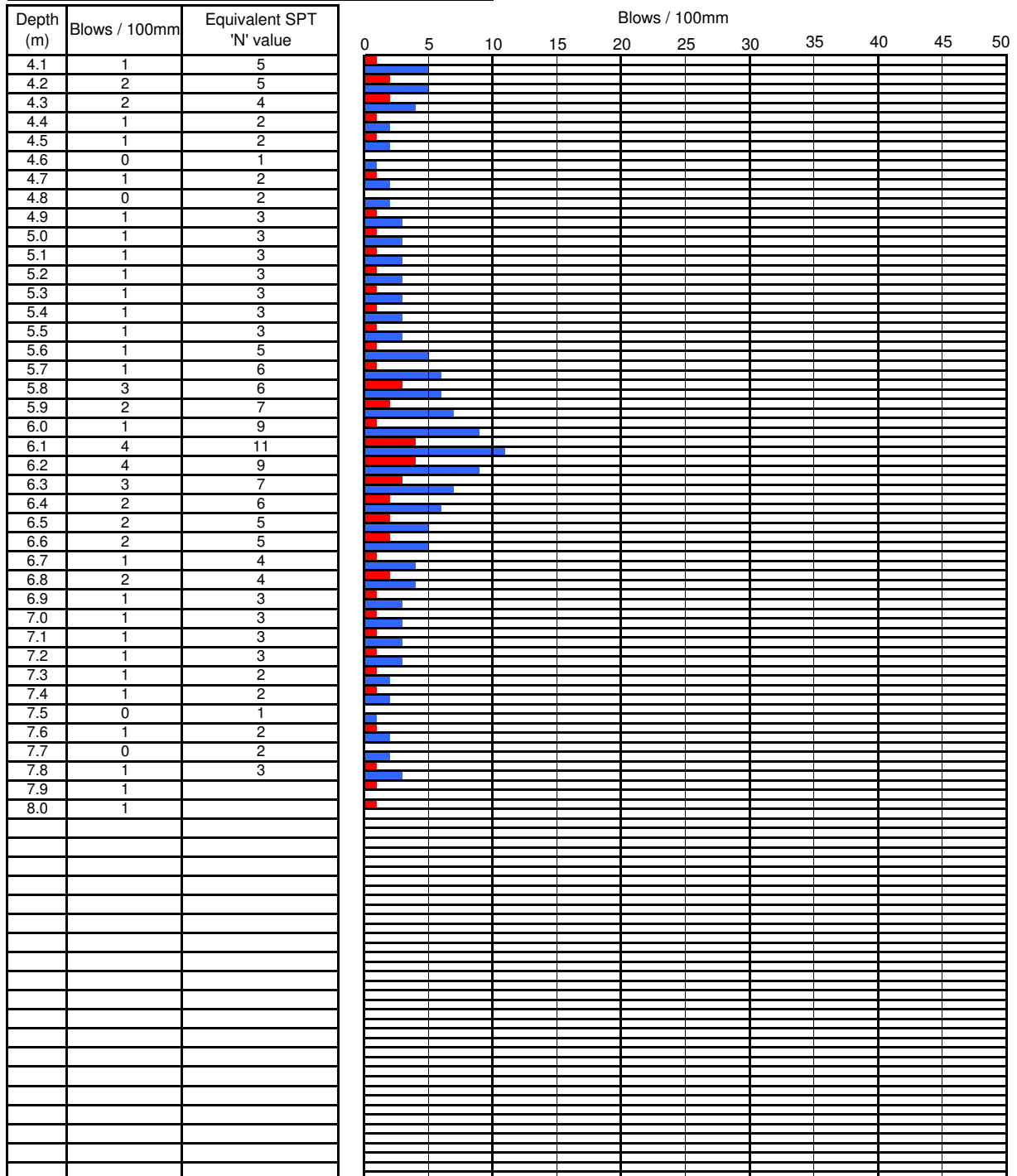
 Dynamic probe value (Blows/100mm)



Equivalent SPT 'N' value

DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY	DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
DRILLER:	D P DRILLING SERVICES	CONE BURIED:
PROBE NUMBER:	WS18	PROBE HOLE BACKFILLED:
DATE:	8-Jul-15	REMARKS:



 Dynamic probe value (Blows/100mm)

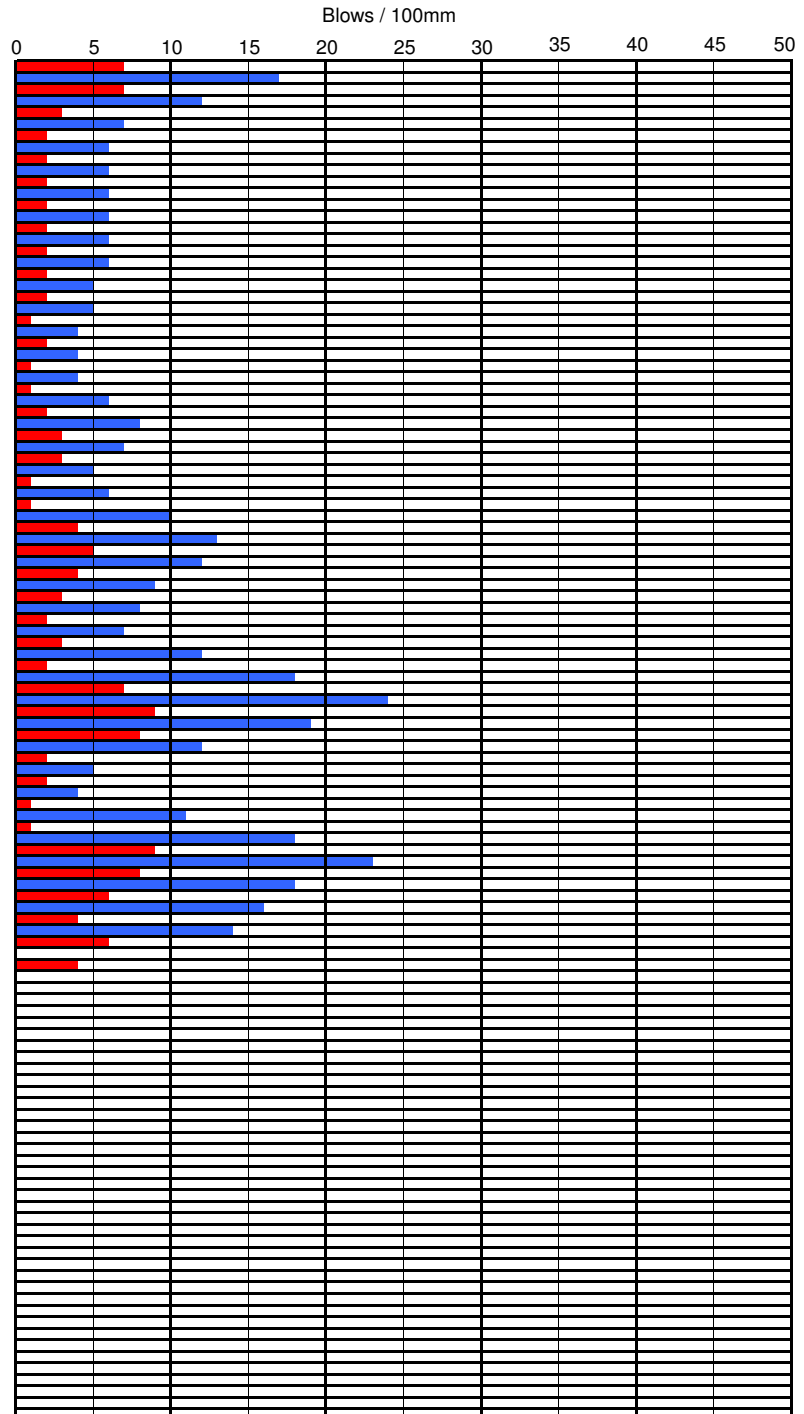


Equivalent SPT 'N' value

DYNAMIC PROBE TEST RESULTS SHEET

SITE:	UNITY
DRILLER:	D P DRILLING SERVICES
PROBE NUMBER:	WS18
DATE:	8-Jul-15

DPSH IN ACCORDANCE WITH BS 1377: PART 9: CLAUSE 3.2
CONE BURIED:
PROBE HOLE BACKFILLED:
REMARKS:

[illegible]

 Dynamic probe value (Blows/100mm)



Equivalent SPT 'N' value

APPENDIX 6

CHEMICAL LABORATORY TEST RESULTS



Amended Report

Report Number: 15-16335 Issue-2

Initial Date of Issue: 21-Jul-2015 **Date of Re-Issue:** 03-Aug-2015

Client: Integra Consulting

Client Address: 14 - 32 Hewitt Street
Manchester
M15 4GB

Contact(s): Michael Carter

Project: 2898 Cheetwood/Unity

Quotation No.: Q14-02166 **Date Received:** 16-Jul-2015

Order No.: **Date Instructed:** 29-Jul-2015

No. of Samples: 25

Turnaround: (Wkdays) 4 **Results Due Date:** 03-Aug-2015

Date Approved: 03-Aug-2015

Approved By:

Details: Keith Jones, Technical Manager

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166048	166049	166050	166051	166052	166053	166054	166055	166057
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12	WS13
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5	0.2
	Bottom Depth(m):												
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192			-	-	-	-		-	-	-	-
Asbestos Identification	U	2192			No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001									
Total Asbestos	N	2192	%	0.001									
Moisture	N	2030	%	0.02	12	10	14	16	16	11	9.7	13	9.9
Stones	N	2030	%	0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
pH	U	2010			8.7	8.2	7.9	8.0	8.2	7.9	8.8	8.2	8.3
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	0.65	0.78	0.60	0.50	0.94	0.53	1.1	0.76	0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.065	0.085	< 0.010	0.011	0.057	< 0.010	0.53	0.071	< 0.010
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Arsenic	U	2450	mg/kg	1	16	17	17	23	42	20	21	15	23
Barium	U	2450	mg/kg	10	290	360	210	280	330	220	440	310	370
Beryllium	U	2450	mg/kg	1	< 1.0	< 1.0	< 1.0	1.3	3.4	< 1.0	< 1.0	< 1.0	< 1.0
Cadmium	U	2450	mg/kg	0.1	0.35	0.42	0.34	0.78	0.18	0.38	0.54	0.40	0.44
Chromium	U	2450	mg/kg	1	26	19	27	28	27	23	21	32	30
Copper	U	2450	mg/kg	0.5	37	37	57	82	84	61	55	52	66
Mercury	U	2450	mg/kg	0.1	0.27	0.26	0.28	0.35	0.24	0.36	0.42	0.45	0.45
Nickel	U	2450	mg/kg	0.5	16	13	22	28	61	17	20	20	24
Lead	U	2450	mg/kg	0.5	130	410	160	170	110	190	290	190	210
Selenium	U	2450	mg/kg	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Vanadium	U	2450	mg/kg	5	18	16	24	32	87	24	26	19	27
Zinc	U	2450	mg/kg	0.5	98	110	130	150	72	110	120	110	130
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.4	2.9	3.3	5.7	6.6	19	4.7	9.1	4.7	6.4
Total Organic Carbon	U	2625	%	0.2		1.9							3.7
TPH >C6-C10	N	2670	mg/kg	1	3.6	5.2		< 1.0	< 1.0	3.5	3.2	1.7	< 1.0
TPH >C10-C21	N	2670	mg/kg	1	43	42		34	31	36	97	400	110
TPH >C21-C40	N	2670	mg/kg	1	45	47		54	4.4	45	150	450	150
Total TPH >C6-C40	U	2670	mg/kg	10	91	94		89	36	84	250	870	270
Aliphatic TPH >C5-C6	N	2675	mg/kg	0.1			< 0.10						

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166048	166049	166050	166051	166052	166053	166054	166055
Order No.:	Client Sample Ref.:											
	Client Sample ID.:				WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5
	Bottom Depth(m):											
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD								
Aliphatic TPH >C6-C8	N	2675	mg/kg	0.1			< 0.10					
Aliphatic TPH >C8-C10	U	2675	mg/kg	0.1			< 0.10					
Aliphatic TPH >C10-C12	U	2675	mg/kg	1			< 1.0					
Aliphatic TPH >C12-C16	U	2675	mg/kg	1			< 1.0					
Aliphatic TPH >C16-C21	U	2675	mg/kg	1			< 1.0					
Aliphatic TPH >C21-C35	U	2675	mg/kg	1			< 1.0					
Aliphatic TPH >C35-C44	U	2675	mg/kg	1			< 1.0					
Total Aliphatic Hydrocarbons	U	2675	mg/kg	5			< 5.0					
Aromatic TPH >C5-C7	N	2675	mg/kg	0.1			< 0.10					
Aromatic TPH >C7-C8	N	2675	mg/kg	0.1			< 0.10					
Aromatic TPH >C8-C10	U	2675	mg/kg	0.1			< 0.10					
Aromatic TPH >C10-C12	N	2675	mg/kg	1			< 1.0					
Aromatic TPH >C12-C16	U	2675	mg/kg	1			8.5					
Aromatic TPH >C16-C21	U	2675	mg/kg	1			9.1					
Aromatic TPH >C21-C35	N	2675	mg/kg	1			16					
Aromatic TPH >C35-C44	N	2675	mg/kg	1			< 1.0					
Total Aromatic Hydrocarbons	U	2675	mg/kg	5			34					
Total Petroleum Hydrocarbons	U	2675	mg/kg	10			34					
Dichlorodifluoromethane	U	2760	µg/kg	1			< 1.0					
Chloromethane	U	2760	µg/kg	1			5.6					
Vinyl Chloride	U	2760	µg/kg	1			< 1.0					
Bromomethane	U	2760	µg/kg	20			< 20					
Chloroethane	U	2760	µg/kg	2			< 2.0					
Trichlorofluoromethane	U	2760	µg/kg	1			< 1.0					
1,1-Dichloroethene	U	2760	µg/kg	1			< 1.0					
Trans 1,2-Dichloroethene	U	2760	µg/kg	1			< 1.0					
1,1-Dichloroethane	U	2760	µg/kg	1			< 1.0					
cis 1,2-Dichloroethene	U	2760	µg/kg	1			< 1.0					
Bromochloromethane	U	2760	µg/kg	5			< 5.0					
Trichloromethane	U	2760	µg/kg	1			< 1.0					
1,1,1-Trichloroethane	U	2760	µg/kg	1			< 1.0					
Tetrachloromethane	U	2760	µg/kg	1			< 1.0					
1,1-Dichloropropene	U	2760	µg/kg	1			< 1.0					

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166048	166049	166050	166051	166052	166053	166054	166055
Order No.:	Client Sample Ref.:											
	Client Sample ID.:				WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5
	Bottom Depth(m):											
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD								
Benzene	U	2760	µg/kg	1			< 1.0					
1,2-Dichloroethane	U	2760	µg/kg	2			< 2.0					
Trichloroethene	N	2760	µg/kg	1			< 1.0					
1,2-Dichloropropane	U	2760	µg/kg	1			< 1.0					
Dibromomethane	U	2760	µg/kg	1			< 1.0					
Bromodichloromethane	U	2760	µg/kg	5			< 5.0					
cis-1,3-Dichloropropene	N	2760	µg/kg	10			< 10					
Toluene	U	2760	µg/kg	1			< 1.0					
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			< 10					
1,1,2-Trichloroethane	U	2760	µg/kg	10			< 10					
Tetrachloroethene	U	2760	µg/kg	1			< 1.0					
1,3-Dichloropropane	U	2760	µg/kg	2			< 2.0					
Dibromochloromethane	U	2760	µg/kg	10			< 10					
1,2-Dibromoethane	U	2760	µg/kg	5			< 5.0					
Chlorobenzene	U	2760	µg/kg	1			< 1.0					
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2			< 2.0					
Ethylbenzene	U	2760	µg/kg	1			< 1.0					
m & p-Xylene	U	2760	µg/kg	1			< 1.0					
o-Xylene	U	2760	µg/kg	1			< 1.0					
Styrene	U	2760	µg/kg	1			< 1.0					
Tribromomethane	U	2760	µg/kg	1			< 1.0					
Isopropylbenzene	U	2760	µg/kg	1			< 1.0					
Bromobenzene	U	2760	µg/kg	1			< 1.0					
1,2,3-Trichloropropane	N	2760	µg/kg	50			< 50					
N-Propylbenzene	U	2760	µg/kg	1			< 1.0					
2-Chlorotoluene	U	2760	µg/kg	1			< 1.0					
1,3,5-Trimethylbenzene	U	2760	µg/kg	1			< 1.0					
4-Chlorotoluene	U	2760	µg/kg	1			< 1.0					
Tert-Butylbenzene	U	2760	µg/kg	1			< 1.0					
1,2,4-Trimethylbenzene	U	2760	µg/kg	1			< 1.0					
Sec-Butylbenzene	U	2760	µg/kg	1			< 1.0					
1,3-Dichlorobenzene	U	2760	µg/kg	1			< 1.0					
4-Isopropyltoluene	U	2760	µg/kg	1			< 1.0					

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166048	166049	166050	166051	166052	166053	166054	166055
Order No.:	Client Sample Ref.:											
	Client Sample ID.:				WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5
	Bottom Depth(m):											
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD								
1,4-Dichlorobenzene	U	2760	µg/kg	1			< 1.0					
N-Butylbenzene	U	2760	µg/kg	1			< 1.0					
1,2-Dichlorobenzene	U	2760	µg/kg	1			< 1.0					
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			< 50					
1,2,4-Trichlorobenzene	U	2760	µg/kg	1			< 1.0					
Hexachlorobutadiene	U	2760	µg/kg	1			< 1.0					
1,2,3-Trichlorobenzene	U	2760	µg/kg	2			< 2.0					
Methyl Tert-Butyl Ether	U	2760	µg/kg	1			< 1.0					
N-Nitrosodimethylamine	N	2790	mg/kg	0.5	< 0.50							
Phenol	N	2790	mg/kg	0.5	< 0.50							
2-Chlorophenol	N	2790	mg/kg	0.5	< 0.50							
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.5	< 0.50							
1,3-Dichlorobenzene	N	2790	mg/kg	0.5	< 0.50							
1,4-Dichlorobenzene	N	2790	mg/kg	0.5	< 0.50							
1,2-Dichlorobenzene	N	2790	mg/kg	0.5	< 0.50							
2-Methylphenol	N	2790	mg/kg	0.5	< 0.50							
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.5	< 0.50							
Hexachloroethane	N	2790	mg/kg	0.5	< 0.50							
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.5	< 0.50							
4-Methylphenol	N	2790	mg/kg	0.5	< 0.50							
Nitrobenzene	N	2790	mg/kg	0.5	< 0.50							
Isophorone	N	2790	mg/kg	0.5	< 0.50							
2-Nitrophenol	N	2790	mg/kg	0.5	< 0.50							
2,4-Dimethylphenol	N	2790	mg/kg	0.5	< 0.50							
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.5	< 0.50							
2,4-Dichlorophenol	N	2790	mg/kg	0.5	< 0.50							
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.5	< 0.50							
Naphthalene	N	2790	mg/kg	0.5	2.9							
4-Chloroaniline	N	2790	mg/kg	0.5	< 0.50							
Hexachlorobutadiene	N	2790	mg/kg	0.5	< 0.50							
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.5	< 0.50							
2-Methylnaphthalene	N	2790	mg/kg	0.5	0.98							
4-Nitrophenol	N	2790	mg/kg	0.5	< 0.50							

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:					15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:					166048	166049	166050	166051	166052	166053	166054	166055	166057	166057
Order No.:	Client Sample Ref.:														
	Client Sample ID.:					WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12	WS13	WS13
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5	0.2	0.2
	Bottom Depth(m):														
	Date Sampled:					15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD											
Hexachlorocyclopentadiene	N	2790	mg/kg	0.5	< 0.50										
2,4,6-Trichlorophenol	N	2790	mg/kg	0.5	< 0.50										
2,4,5-Trichlorophenol	N	2790	mg/kg	0.5	< 0.50										
2-Chloronaphthalene	N	2790	mg/kg	0.5	< 0.50										
2-Nitroaniline	N	2790	mg/kg	0.5	< 0.50										
Acenaphthylene	N	2790	mg/kg	0.5	1.0										
Dimethylphthalate	N	2790	mg/kg	0.5	< 0.50										
2,6-Dinitrotoluene	N	2790	mg/kg	0.5	< 0.50										
Acenaphthene	N	2790	mg/kg	0.5	4.0										
3-Nitroaniline	N	2790	mg/kg	0.5	< 0.50										
Dibenzofuran	N	2790	mg/kg	0.5	2.1										
4-Chlorophenylphenylether	N	2790	mg/kg	0.5	< 0.50										
2,4-Dinitrotoluene	N	2790	mg/kg	0.5	< 0.50										
Fluorene	N	2790	mg/kg	0.5	3.3										
Diethyl Phthalate	N	2790	mg/kg	0.5	< 0.50										
4-Nitroaniline	N	2790	mg/kg	0.5	< 0.50										
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.5	< 0.50										
Azobenzene	N	2790	mg/kg	0.5	< 0.50										
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.5	< 0.50										
Hexachlorobenzene	N	2790	mg/kg	0.5	< 0.50										
Pentachlorophenol	N	2790	mg/kg	0.5	< 0.50										
Phenanthrene	N	2790	mg/kg	0.5	34										
Anthracene	N	2790	mg/kg	0.5	8.0										
Carbazole	N	2790	mg/kg	0.5	3.0										
Di-N-Butyl Phthalate	N	2790	mg/kg	0.5	< 0.50										
Fluoranthene	N	2790	mg/kg	0.5	32										
Pyrene	N	2790	mg/kg	0.5	25										
Butylbenzyl Phthalate	N	2790	mg/kg	0.5	< 0.50										
Benzo[a]anthracene	N	2790	mg/kg	0.5	14										
Chrysene	N	2790	mg/kg	0.5	9.8										
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.5	< 0.50										
Di-N-Octyl Phthalate	N	2790	mg/kg	0.5	< 0.50										
Benzo[b]fluoranthene	N	2790	mg/kg	0.5	13										

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:					15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:					166048	166049	166050	166051	166052	166053	166054	166055	166057
Order No.:	Client Sample Ref.:													
	Client Sample ID.:					WS5	WS6	WS7	WS8	WS8	WS9	WS9	WS12	WS13
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					1.7	0.8	0.3	0.5	3.5	0.1	1.0	0.5	0.2
	Bottom Depth(m):													
	Date Sampled:					15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD										
Benzo[k]fluoranthene	N	2790	mg/kg	0.5	5.9									
Benzo[a]pyrene	N	2790	mg/kg	0.5	9.9									
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.5	6.4									
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.5	1.8									
Benzo[g,h,i]perylene	N	2790	mg/kg	0.5	7.5									
Naphthalene	U	2800	mg/kg	0.1		1.1	0.20	0.76	1.5	0.42	2.3	3.1	0.82	
Acenaphthylene	N	2800	mg/kg	0.1		0.13	< 0.10	0.21	< 0.10	< 0.10	0.18	0.47	0.11	
Acenaphthene	U	2800	mg/kg	0.1		1.4	< 0.10	0.18	0.34	0.35	3.0	2.8	3.8	
Fluorene	U	2800	mg/kg	0.1		1.4	< 0.10	0.38	0.21	0.19	2.3	3.1	3.1	
Phenanthrene	U	2800	mg/kg	0.1		12	1.7	6.5	3.6	5.6	22	26	32	
Anthracene	U	2800	mg/kg	0.1		2.2	< 0.10	0.67	0.32	0.87	4.7	5.0	7.2	
Fluoranthene	U	2800	mg/kg	0.1		13	2.2	7.7	3.2	9.1	31	34	42	
Pyrene	U	2800	mg/kg	0.1		12	1.9	6.4	3.1	8.0	27	33	37	
Benzo[a]anthracene	U	2800	mg/kg	0.1		5.7	0.31	2.6	0.53	3.8	15	18	19	
Chrysene	U	2800	mg/kg	0.1		5.3	0.24	2.4	0.49	3.3	14	18	19	
Benzo[b]fluoranthene	N	2800	mg/kg	0.1		6.5	0.21	2.4	0.25	3.7	17	20	22	
Benzo[k]fluoranthene	U	2800	mg/kg	0.1		1.6	< 0.10	0.41	< 0.10	0.77	5.9	7.3	7.9	
Benzo[a]pyrene	U	2800	mg/kg	0.1		5.9	0.21	1.9	0.24	3.4	16	19	20	
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1		3.1	< 0.10	0.96	< 0.10	1.4	9.6	12	13	
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.64	1.1	1.2	
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1		3.1	< 0.10	1.2	< 0.10	1.7	9.2	11	12	
Total Of 16 PAH's	N	2800	mg/kg	2		74	7.0	35	14	43	180	210	240	
Total Phenols	U	2920	mg/kg	0.3			< 0.30							
SVOC TIC	N	2790	mg/kg		None Detected									

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166058	166059	166060	166061	166062	166063	166064	166065	166066	166066	166066
Order No.:	Client Sample Ref.:												
	Client Sample ID.:		WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18	WS18	WS18
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2	0.2	0.2
	Bottom Depth(m):												
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192				-	-	-	-	-	-	-	-
Asbestos Identification	U	2192				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001									
Total Asbestos	N	2192	%	0.001									
Moisture	N	2030	%	0.02	17	22	18	15	13	16	8.3	13	9.6
Stones	N	2030	%	0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
pH	U	2010			8.9	8.4	8.0	8.6	7.9	7.8	8.3	8.2	7.9
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	1.1	0.58	0.61	< 0.40	< 0.40	0.74	< 0.40	0.70	< 0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.31	0.33	0.060	0.24	< 0.010	0.34	0.015	0.029	< 0.010
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	1.1	< 0.50	1.3	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50
Arsenic	U	2450	mg/kg	1	68	18	40	15	15	67	18	20	18
Barium	U	2450	mg/kg	10	420	270	780	300	210	610	260	180	180
Beryllium	U	2450	mg/kg	1	1.8	< 1.0	1.1	< 1.0	< 1.0	4.4	< 1.0	1.6	< 1.0
Cadmium	U	2450	mg/kg	0.1	0.38	0.31	0.15	0.17	0.27	0.20	0.28	0.80	0.47
Chromium	U	2450	mg/kg	1	22	24	26	25	23	27	18	18	21
Copper	U	2450	mg/kg	0.5	140	65	1200	96	70	120	63	79	79
Mercury	U	2450	mg/kg	0.1	0.65	0.29	1.5	0.31	0.27	0.13	0.27	0.94	0.26
Nickel	U	2450	mg/kg	0.5	43	23	31	20	16	94	19	36	18
Lead	U	2450	mg/kg	0.5	1200	180	410	160	160	79	230	190	110
Selenium	U	2450	mg/kg	0.2	1.2	< 0.20	0.23	< 0.20	< 0.20	0.25	< 0.20	< 0.20	< 0.20
Vanadium	U	2450	mg/kg	5	47	19	34	22	18	110	20	32	19
Zinc	U	2450	mg/kg	0.5	130	98	130	88	100	80	100	230	110
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.4	17	13	7.8	4.7	4.7	36	4.8	6.0	5.0
Total Organic Carbon	U	2625	%	0.2				2.7				3.5	
TPH >C6-C10	N	2670	mg/kg	1	8.2	4.1	2.0	2.7	2.5	12	6.2	2.2	3.9
TPH >C10-C21	N	2670	mg/kg	1	510	61	27	190	69	290	75	77	24
TPH >C21-C40	N	2670	mg/kg	1	700	11	4.4	350	100	250	120	110	3.0
Total TPH >C6-C40	U	2670	mg/kg	10	1200	76	33	540	170	550	210	190	31
Aliphatic TPH >C5-C6	N	2675	mg/kg	0.1									

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166058	166059	166060	166061	166062	166063	166064	166065	166066
Order No.:	Client Sample Ref.:										
	Client Sample ID.:		WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2
	Bottom Depth(m):										
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C6-C8	N	2675	mg/kg	0.1							
Aliphatic TPH >C8-C10	U	2675	mg/kg	0.1							
Aliphatic TPH >C10-C12	U	2675	mg/kg	1							
Aliphatic TPH >C12-C16	U	2675	mg/kg	1							
Aliphatic TPH >C16-C21	U	2675	mg/kg	1							
Aliphatic TPH >C21-C35	U	2675	mg/kg	1							
Aliphatic TPH >C35-C44	U	2675	mg/kg	1							
Total Aliphatic Hydrocarbons	U	2675	mg/kg	5							
Aromatic TPH >C5-C7	N	2675	mg/kg	0.1							
Aromatic TPH >C7-C8	N	2675	mg/kg	0.1							
Aromatic TPH >C8-C10	U	2675	mg/kg	0.1							
Aromatic TPH >C10-C12	N	2675	mg/kg	1							
Aromatic TPH >C12-C16	U	2675	mg/kg	1							
Aromatic TPH >C16-C21	U	2675	mg/kg	1							
Aromatic TPH >C21-C35	N	2675	mg/kg	1							
Aromatic TPH >C35-C44	N	2675	mg/kg	1							
Total Aromatic Hydrocarbons	U	2675	mg/kg	5							
Total Petroleum Hydrocarbons	U	2675	mg/kg	10							
Dichlorodifluoromethane	U	2760	µg/kg	1							
Chloromethane	U	2760	µg/kg	1							
Vinyl Chloride	U	2760	µg/kg	1							
Bromomethane	U	2760	µg/kg	20							
Chloroethane	U	2760	µg/kg	2							
Trichlorofluoromethane	U	2760	µg/kg	1							
1,1-Dichloroethene	U	2760	µg/kg	1							
Trans 1,2-Dichloroethene	U	2760	µg/kg	1							
1,1-Dichloroethane	U	2760	µg/kg	1							
cis 1,2-Dichloroethene	U	2760	µg/kg	1							
Bromochloromethane	U	2760	µg/kg	5							
Trichloromethane	U	2760	µg/kg	1							
1,1,1-Trichloroethane	U	2760	µg/kg	1							
Tetrachloromethane	U	2760	µg/kg	1							
1,1-Dichloropropene	U	2760	µg/kg	1							

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166058	166059	166060	166061	166062	166063	166064	166065	166066
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2
	Bottom Depth(m):												
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
Benzene	U	2760	µg/kg	1									
1,2-Dichloroethane	U	2760	µg/kg	2									
Trichloroethene	N	2760	µg/kg	1									
1,2-Dichloropropane	U	2760	µg/kg	1									
Dibromomethane	U	2760	µg/kg	1									
Bromodichloromethane	U	2760	µg/kg	5									
cis-1,3-Dichloropropene	N	2760	µg/kg	10									
Toluene	U	2760	µg/kg	1									
Trans-1,3-Dichloropropene	N	2760	µg/kg	10									
1,1,2-Trichloroethane	U	2760	µg/kg	10									
Tetrachloroethene	U	2760	µg/kg	1									
1,3-Dichloropropane	U	2760	µg/kg	2									
Dibromochloromethane	U	2760	µg/kg	10									
1,2-Dibromoethane	U	2760	µg/kg	5									
Chlorobenzene	U	2760	µg/kg	1									
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2									
Ethylbenzene	U	2760	µg/kg	1									
m & p-Xylene	U	2760	µg/kg	1									
o-Xylene	U	2760	µg/kg	1									
Styrene	U	2760	µg/kg	1									
Tribromomethane	U	2760	µg/kg	1									
Isopropylbenzene	U	2760	µg/kg	1									
Bromobenzene	U	2760	µg/kg	1									
1,2,3-Trichloropropane	N	2760	µg/kg	50									
N-Propylbenzene	U	2760	µg/kg	1									
2-Chlorotoluene	U	2760	µg/kg	1									
1,3,5-Trimethylbenzene	U	2760	µg/kg	1									
4-Chlorotoluene	U	2760	µg/kg	1									
Tert-Butylbenzene	U	2760	µg/kg	1									
1,2,4-Trimethylbenzene	U	2760	µg/kg	1									
Sec-Butylbenzene	U	2760	µg/kg	1									
1,3-Dichlorobenzene	U	2760	µg/kg	1									
4-Isopropyltoluene	U	2760	µg/kg	1									

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166058	166059	166060	166061	166062	166063	166064	166065	166066
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2
	Bottom Depth(m):												
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
1,4-Dichlorobenzene	U	2760	µg/kg	1									
N-Butylbenzene	U	2760	µg/kg	1									
1,2-Dichlorobenzene	U	2760	µg/kg	1									
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50									
1,2,4-Trichlorobenzene	U	2760	µg/kg	1									
Hexachlorobutadiene	U	2760	µg/kg	1									
1,2,3-Trichlorobenzene	U	2760	µg/kg	2									
Methyl Tert-Butyl Ether	U	2760	µg/kg	1									
N-Nitrosodimethylamine	N	2790	mg/kg	0.5						< 0.50			
Phenol	N	2790	mg/kg	0.5						< 0.50			
2-Chlorophenol	N	2790	mg/kg	0.5						< 0.50			
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.5						< 0.50			
1,3-Dichlorobenzene	N	2790	mg/kg	0.5						< 0.50			
1,4-Dichlorobenzene	N	2790	mg/kg	0.5						< 0.50			
1,2-Dichlorobenzene	N	2790	mg/kg	0.5						< 0.50			
2-Methylphenol	N	2790	mg/kg	0.5						< 0.50			
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.5						< 0.50			
Hexachloroethane	N	2790	mg/kg	0.5						< 0.50			
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.5						< 0.50			
4-Methylphenol	N	2790	mg/kg	0.5						< 0.50			
Nitrobenzene	N	2790	mg/kg	0.5						< 0.50			
Isophorone	N	2790	mg/kg	0.5						< 0.50			
2-Nitrophenol	N	2790	mg/kg	0.5						< 0.50			
2,4-Dimethylphenol	N	2790	mg/kg	0.5						< 0.50			
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.5						< 0.50			
2,4-Dichlorophenol	N	2790	mg/kg	0.5						< 0.50			
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.5						< 0.50			
Naphthalene	N	2790	mg/kg	0.5						< 0.50			
4-Chloroaniline	N	2790	mg/kg	0.5						< 0.50			
Hexachlorobutadiene	N	2790	mg/kg	0.5						< 0.50			
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.5						< 0.50			
2-Methylnaphthalene	N	2790	mg/kg	0.5						< 0.50			
4-Nitrophenol	N	2790	mg/kg	0.5						< 0.50			

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166058	166059	166060	166061	166062	166063	166064	166065	166066
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2
	Bottom Depth(m):												
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
Hexachlorocyclopentadiene	N	2790	mg/kg	0.5						< 0.50			
2,4,6-Trichlorophenol	N	2790	mg/kg	0.5						< 0.50			
2,4,5-Trichlorophenol	N	2790	mg/kg	0.5						< 0.50			
2-Chloronaphthalene	N	2790	mg/kg	0.5						< 0.50			
2-Nitroaniline	N	2790	mg/kg	0.5						< 0.50			
Acenaphthylene	N	2790	mg/kg	0.5						< 0.50			
Dimethylphthalate	N	2790	mg/kg	0.5						< 0.50			
2,6-Dinitrotoluene	N	2790	mg/kg	0.5						< 0.50			
Acenaphthene	N	2790	mg/kg	0.5						< 0.50			
3-Nitroaniline	N	2790	mg/kg	0.5						< 0.50			
Dibenzofuran	N	2790	mg/kg	0.5						< 0.50			
4-Chlorophenylphenylether	N	2790	mg/kg	0.5						< 0.50			
2,4-Dinitrotoluene	N	2790	mg/kg	0.5						< 0.50			
Fluorene	N	2790	mg/kg	0.5						< 0.50			
Diethyl Phthalate	N	2790	mg/kg	0.5						< 0.50			
4-Nitroaniline	N	2790	mg/kg	0.5						< 0.50			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.5						< 0.50			
Azobenzene	N	2790	mg/kg	0.5						< 0.50			
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.5						< 0.50			
Hexachlorobenzene	N	2790	mg/kg	0.5						< 0.50			
Pentachlorophenol	N	2790	mg/kg	0.5						< 0.50			
Phenanthrene	N	2790	mg/kg	0.5						5.4			
Anthracene	N	2790	mg/kg	0.5						1.6			
Carbazole	N	2790	mg/kg	0.5						< 0.50			
Di-N-Butyl Phthalate	N	2790	mg/kg	0.5						< 0.50			
Fluoranthene	N	2790	mg/kg	0.5						8.1			
Pyrene	N	2790	mg/kg	0.5						7.1			
Butylbenzyl Phthalate	N	2790	mg/kg	0.5						< 0.50			
Benzo[a]anthracene	N	2790	mg/kg	0.5						4.9			
Chrysene	N	2790	mg/kg	0.5						3.6			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.5						< 0.50			
Di-N-Octyl Phthalate	N	2790	mg/kg	0.5						< 0.50			
Benzo[b]fluoranthene	N	2790	mg/kg	0.5						6.7			

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166058	166059	166060	166061	166062	166063	166064	166065	166066
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS13	WS14	WS14	WS15	WS16	WS16	WS17	WS17	WS18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				3.8	0.6	3.6	0.4	0.3	2.1	0.1	1.0	0.2
	Bottom Depth(m):												
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD									
Benzo[k]fluoranthene	N	2790	mg/kg	0.5						1.8			
Benzo[a]pyrene	N	2790	mg/kg	0.5						4.2			
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.5						2.5			
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.5						< 0.50			
Benzo[g,h,i]perylene	N	2790	mg/kg	0.5						3.1			
Naphthalene	U	2800	mg/kg	0.1	6.3	0.99	0.29	1.6	0.43		3.8	1.2	0.23
Acenaphthylene	N	2800	mg/kg	0.1	0.42	0.28	< 0.10	0.40	< 0.10		0.37	< 0.10	< 0.10
Acenaphthene	U	2800	mg/kg	0.1	14	2.1	< 0.10	2.7	1.7		4.2	1.3	< 0.10
Fluorene	U	2800	mg/kg	0.1	12	1.8	< 0.10	2.9	1.2		3.5	1.3	< 0.10
Phenanthrene	U	2800	mg/kg	0.1	130	20	2.6	28	14		30	12	1.7
Anthracene	U	2800	mg/kg	0.1	30	3.9	0.20	5.4	2.6		6.6	1.9	< 0.10
Fluoranthene	U	2800	mg/kg	0.1	170	28	3.6	43	16		37	13	2.2
Pyrene	U	2800	mg/kg	0.1	130	25	3.4	38	14		33	12	2.0
Benzo[a]anthracene	U	2800	mg/kg	0.1	79	15	0.98	23	7.0		19	5.4	0.51
Chrysene	U	2800	mg/kg	0.1	82	13	0.89	21	6.2		17	4.9	0.44
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	97	18	1.2	27	7.4		20	5.4	0.56
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	42	5.8	0.16	9.8	1.9		7.9	1.1	< 0.10
Benzo[a]pyrene	U	2800	mg/kg	0.1	75	16	1.0	24	7.0		19	5.2	0.45
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	56	12	0.43	17	4.2		12	2.5	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	14	0.87	< 0.10	1.9	0.16		1.2	0.10	< 0.10
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	46	9.9	0.78	15	3.7		11	2.8	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2	980	170	16	260	88		230	70	8.1
Total Phenols	U	2920	mg/kg	0.3									
SVOC TIC	N	2790	mg/kg							None Detected			

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166067	166068	166069	166070	166071	166072	166072
Order No.:	Client Sample Ref.:								
	Client Sample ID.:		WS18	WS19	WS19	WS19	WS20	WS20	WS20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.2	0.3	0.9	1.8	0.1	2.4	
	Bottom Depth(m):								
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD					
ACM Type	U	2192			-	-	Fibres/Clumps	-	-
Asbestos Identification	U	2192			No Asbestos Detected	No Asbestos Detected	Amosite	No Asbestos Detected	No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001			0.003		
Total Asbestos	N	2192	%	0.001			0.003		
Moisture	N	2030	%	0.02	11	9.7	16	8.8	16
Stones	N	2030	%	0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
pH	U	2010			7.7	7.5	8.7	7.3	8.4
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	0.59	< 0.40	3.5	1.1	< 0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.11	0.010	0.29	0.14	0.054
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	7.5	< 0.50	1.4	2.5	< 0.50
Arsenic	U	2450	mg/kg	1	28	14	32	32	21
Barium	U	2450	mg/kg	10	410	160	350	140	260
Beryllium	U	2450	mg/kg	1	3.2	< 1.0	1.4	1.8	< 1.0
Cadmium	U	2450	mg/kg	0.1	0.38	0.20	0.58	< 0.10	0.33
Chromium	U	2450	mg/kg	1	19	19	26	17	22
Copper	U	2450	mg/kg	0.5	120	45	77	130	55
Mercury	U	2450	mg/kg	0.1	0.73	0.21	0.47	0.14	0.40
Nickel	U	2450	mg/kg	0.5	62	12	33	55	19
Lead	U	2450	mg/kg	0.5	76	97	200	110	150
Selenium	U	2450	mg/kg	0.2	0.50	< 0.20	< 0.20	1.1	< 0.20
Vanadium	U	2450	mg/kg	5	72	18	46	46	18
Zinc	U	2450	mg/kg	0.5	46	87	150	41	91
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.4	31	5.5	6.2	76	5.2
Total Organic Carbon	U	2625	%	0.2					
TPH >C6-C10	N	2670	mg/kg	1	6.5	4.5	5.0	< 1.0	1.2
TPH >C10-C21	N	2670	mg/kg	1	45	27	56	330	35
TPH >C21-C40	N	2670	mg/kg	1	92	3.8	32	360	19
Total TPH >C6-C40	U	2670	mg/kg	10	140	35	93	690	55
Aliphatic TPH >C5-C6	N	2675	mg/kg	0.1					

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166067	166068	166069	166070	166071	166072
Order No.:	Client Sample Ref.:							
	Client Sample ID.:		WS18	WS19	WS19	WS19	WS20	WS20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.2	0.3	0.9	1.8	0.1	2.4
	Bottom Depth(m):							
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD				
Aliphatic TPH >C6-C8	N	2675	mg/kg	0.1				
Aliphatic TPH >C8-C10	U	2675	mg/kg	0.1				
Aliphatic TPH >C10-C12	U	2675	mg/kg	1				
Aliphatic TPH >C12-C16	U	2675	mg/kg	1				
Aliphatic TPH >C16-C21	U	2675	mg/kg	1				
Aliphatic TPH >C21-C35	U	2675	mg/kg	1				
Aliphatic TPH >C35-C44	U	2675	mg/kg	1				
Total Aliphatic Hydrocarbons	U	2675	mg/kg	5				
Aromatic TPH >C5-C7	N	2675	mg/kg	0.1				
Aromatic TPH >C7-C8	N	2675	mg/kg	0.1				
Aromatic TPH >C8-C10	U	2675	mg/kg	0.1				
Aromatic TPH >C10-C12	N	2675	mg/kg	1				
Aromatic TPH >C12-C16	U	2675	mg/kg	1				
Aromatic TPH >C16-C21	U	2675	mg/kg	1				
Aromatic TPH >C21-C35	N	2675	mg/kg	1				
Aromatic TPH >C35-C44	N	2675	mg/kg	1				
Total Aromatic Hydrocarbons	U	2675	mg/kg	5				
Total Petroleum Hydrocarbons	U	2675	mg/kg	10				
Dichlorodifluoromethane	U	2760	µg/kg	1				
Chloromethane	U	2760	µg/kg	1				
Vinyl Chloride	U	2760	µg/kg	1				
Bromomethane	U	2760	µg/kg	20				
Chloroethane	U	2760	µg/kg	2				
Trichlorofluoromethane	U	2760	µg/kg	1				
1,1-Dichloroethene	U	2760	µg/kg	1				
Trans 1,2-Dichloroethene	U	2760	µg/kg	1				
1,1-Dichloroethane	U	2760	µg/kg	1				
cis 1,2-Dichloroethene	U	2760	µg/kg	1				
Bromochloromethane	U	2760	µg/kg	5				
Trichloromethane	U	2760	µg/kg	1				
1,1,1-Trichloroethane	U	2760	µg/kg	1				
Tetrachloromethane	U	2760	µg/kg	1				
1,1-Dichloropropene	U	2760	µg/kg	1				

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166067	166068	166069	166070	166071	166072
Order No.:	Client Sample Ref.:							
	Client Sample ID.:		WS18	WS19	WS19	WS19	WS20	WS20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.2	0.3	0.9	1.8	0.1	2.4
	Bottom Depth(m):							
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD				
Benzene	U	2760	µg/kg	1				
1,2-Dichloroethane	U	2760	µg/kg	2				
Trichloroethene	N	2760	µg/kg	1				
1,2-Dichloropropane	U	2760	µg/kg	1				
Dibromomethane	U	2760	µg/kg	1				
Bromodichloromethane	U	2760	µg/kg	5				
cis-1,3-Dichloropropene	N	2760	µg/kg	10				
Toluene	U	2760	µg/kg	1				
Trans-1,3-Dichloropropene	N	2760	µg/kg	10				
1,1,2-Trichloroethane	U	2760	µg/kg	10				
Tetrachloroethene	U	2760	µg/kg	1				
1,3-Dichloropropane	U	2760	µg/kg	2				
Dibromochloromethane	U	2760	µg/kg	10				
1,2-Dibromoethane	U	2760	µg/kg	5				
Chlorobenzene	U	2760	µg/kg	1				
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2				
Ethylbenzene	U	2760	µg/kg	1				
m & p-Xylene	U	2760	µg/kg	1				
o-Xylene	U	2760	µg/kg	1				
Styrene	U	2760	µg/kg	1				
Tribromomethane	U	2760	µg/kg	1				
Isopropylbenzene	U	2760	µg/kg	1				
Bromobenzene	U	2760	µg/kg	1				
1,2,3-Trichloropropane	N	2760	µg/kg	50				
N-Propylbenzene	U	2760	µg/kg	1				
2-Chlorotoluene	U	2760	µg/kg	1				
1,3,5-Trimethylbenzene	U	2760	µg/kg	1				
4-Chlorotoluene	U	2760	µg/kg	1				
Tert-Butylbenzene	U	2760	µg/kg	1				
1,2,4-Trimethylbenzene	U	2760	µg/kg	1				
Sec-Butylbenzene	U	2760	µg/kg	1				
1,3-Dichlorobenzene	U	2760	µg/kg	1				
4-Isopropyltoluene	U	2760	µg/kg	1				

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166067	166068	166069	166070	166071	166072
Order No.:	Client Sample Ref.:									
	Client Sample ID.:				WS18	WS19	WS19	WS19	WS20	WS20
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.2	0.3	0.9	1.8	0.1	2.4
	Bottom Depth(m):									
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD						
1,4-Dichlorobenzene	U	2760	µg/kg	1						
N-Butylbenzene	U	2760	µg/kg	1						
1,2-Dichlorobenzene	U	2760	µg/kg	1						
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50						
1,2,4-Trichlorobenzene	U	2760	µg/kg	1						
Hexachlorobutadiene	U	2760	µg/kg	1						
1,2,3-Trichlorobenzene	U	2760	µg/kg	2						
Methyl Tert-Butyl Ether	U	2760	µg/kg	1						
N-Nitrosodimethylamine	N	2790	mg/kg	0.5				< 0.50		
Phenol	N	2790	mg/kg	0.5				< 0.50		
2-Chlorophenol	N	2790	mg/kg	0.5				< 0.50		
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.5				< 0.50		
1,3-Dichlorobenzene	N	2790	mg/kg	0.5				< 0.50		
1,4-Dichlorobenzene	N	2790	mg/kg	0.5				< 0.50		
1,2-Dichlorobenzene	N	2790	mg/kg	0.5				< 0.50		
2-Methylphenol	N	2790	mg/kg	0.5				< 0.50		
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.5				< 0.50		
Hexachloroethane	N	2790	mg/kg	0.5				< 0.50		
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.5				< 0.50		
4-Methylphenol	N	2790	mg/kg	0.5				< 0.50		
Nitrobenzene	N	2790	mg/kg	0.5				< 0.50		
Isophorone	N	2790	mg/kg	0.5				< 0.50		
2-Nitrophenol	N	2790	mg/kg	0.5				< 0.50		
2,4-Dimethylphenol	N	2790	mg/kg	0.5				< 0.50		
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.5				< 0.50		
2,4-Dichlorophenol	N	2790	mg/kg	0.5				< 0.50		
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.5				< 0.50		
Naphthalene	N	2790	mg/kg	0.5				< 0.50		
4-Chloroaniline	N	2790	mg/kg	0.5				< 0.50		
Hexachlorobutadiene	N	2790	mg/kg	0.5				< 0.50		
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.5				< 0.50		
2-Methylnaphthalene	N	2790	mg/kg	0.5				< 0.50		
4-Nitrophenol	N	2790	mg/kg	0.5				< 0.50		

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166067	166068	166069	166070	166071	166072
Order No.:	Client Sample Ref.:									
	Client Sample ID.:				WS18	WS19	WS19	WS19	WS20	WS20
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.2	0.3	0.9	1.8	0.1	2.4
	Bottom Depth(m):									
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD						
Hexachlorocyclopentadiene	N	2790	mg/kg	0.5				< 0.50		
2,4,6-Trichlorophenol	N	2790	mg/kg	0.5				< 0.50		
2,4,5-Trichlorophenol	N	2790	mg/kg	0.5				< 0.50		
2-Chloronaphthalene	N	2790	mg/kg	0.5				< 0.50		
2-Nitroaniline	N	2790	mg/kg	0.5				< 0.50		
Acenaphthylene	N	2790	mg/kg	0.5				< 0.50		
Dimethylphthalate	N	2790	mg/kg	0.5				< 0.50		
2,6-Dinitrotoluene	N	2790	mg/kg	0.5				< 0.50		
Acenaphthene	N	2790	mg/kg	0.5				< 0.50		
3-Nitroaniline	N	2790	mg/kg	0.5				< 0.50		
Dibenzofuran	N	2790	mg/kg	0.5				< 0.50		
4-Chlorophenylphenylether	N	2790	mg/kg	0.5				< 0.50		
2,4-Dinitrotoluene	N	2790	mg/kg	0.5				< 0.50		
Fluorene	N	2790	mg/kg	0.5				< 0.50		
Diethyl Phthalate	N	2790	mg/kg	0.5				< 0.50		
4-Nitroaniline	N	2790	mg/kg	0.5				< 0.50		
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.5				< 0.50		
Azobenzene	N	2790	mg/kg	0.5				< 0.50		
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.5				< 0.50		
Hexachlorobenzene	N	2790	mg/kg	0.5				< 0.50		
Pentachlorophenol	N	2790	mg/kg	0.5				< 0.50		
Phenanthrene	N	2790	mg/kg	0.5				4.8		
Anthracene	N	2790	mg/kg	0.5				1.2		
Carbazole	N	2790	mg/kg	0.5				< 0.50		
Di-N-Butyl Phthalate	N	2790	mg/kg	0.5				< 0.50		
Fluoranthene	N	2790	mg/kg	0.5				8.9		
Pyrene	N	2790	mg/kg	0.5				8.4		
Butylbenzyl Phthalate	N	2790	mg/kg	0.5				< 0.50		
Benzo[a]anthracene	N	2790	mg/kg	0.5				5.6		
Chrysene	N	2790	mg/kg	0.5				4.4		
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.5				< 0.50		
Di-N-Octyl Phthalate	N	2790	mg/kg	0.5				< 0.50		
Benzo[b]fluoranthene	N	2790	mg/kg	0.5				8.6		

Results Summary - Soil

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:		15-16335	15-16335	15-16335	15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:		166067	166068	166069	166070	166071	166072
Order No.:	Client Sample Ref.:							
	Client Sample ID.:		WS18	WS19	WS19	WS19	WS20	WS20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.2	0.3	0.9	1.8	0.1	2.4
	Bottom Depth(m):							
	Date Sampled:		15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD				
Benzo[k]fluoranthene	N	2790	mg/kg	0.5			2.4	
Benzo[a]pyrene	N	2790	mg/kg	0.5			5.3	
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.5			3.8	
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.5			0.78	
Benzo[g,h,i]perylene	N	2790	mg/kg	0.5			4.4	
Naphthalene	U	2800	mg/kg	0.1	1.1	< 0.10	0.18	0.62
Acenaphthylene	N	2800	mg/kg	0.1	0.88	< 0.10	< 0.10	0.20
Acenaphthene	U	2800	mg/kg	0.1	< 0.10	< 0.10	0.15	1.5
Fluorene	U	2800	mg/kg	0.1	0.28	< 0.10	< 0.10	1.3
Phenanthrene	U	2800	mg/kg	0.1	9.6	1.1	3.8	13
Anthracene	U	2800	mg/kg	0.1	3.1	< 0.10	0.47	2.2
Fluoranthene	U	2800	mg/kg	0.1	17	1.5	7.7	17
Pyrene	U	2800	mg/kg	0.1	14	1.3	6.9	16
Benzo[a]anthracene	U	2800	mg/kg	0.1	7.1	0.18	3.3	8.1
Chrysene	U	2800	mg/kg	0.1	5.8	0.12	2.7	7.8
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	8.3	< 0.10	3.8	9.3
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	2.5	< 0.10	0.62	3.0
Benzo[a]pyrene	U	2800	mg/kg	0.1	7.4	< 0.10	3.3	8.9
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	4.9	< 0.10	1.5	4.9
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	0.17
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	4.2	< 0.10	1.9	5.3
Total Of 16 PAH's	N	2800	mg/kg	2	86	4.2	36	99
Total Phenols	U	2920	mg/kg	0.3				
SVOC TIC	N	2790	mg/kg				None Detected	

Results Summary - Leachate

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.: 15-16335 15-16335 15-16335						
Quotation No.: Q14-02166	Chemtest Sample ID.: 166052 166056 166058						
Order No.:	Client Sample Ref.:						
	Client Sample ID.: WS8 WS12 WS13						
	Sample Type: SOIL SOIL SOIL						
	Top Depth (m): 3.5 3.0 3.8						
	Bottom Depth(m):						
	Date Sampled: 15-Jul-15 15-Jul-15 15-Jul-15						
Determinand	Accred.	SOP	Units	LOD			
pH	U	1010			8.5	8.2	8.1
Electrical Conductivity	U	1020	µS/cm	1	100	40	230
Nitrate	U	1220	mg/l	0.5	6.8	1.3	0.68
Sulphate	U	1220	mg/l	1	11	10	44
Cyanide (Free)	U	1300	mg/l	0.05	< 0.050	< 0.050	< 0.050
Hardness	U	1415	mg/l	15	160	70	440
Arsenic (Dissolved)	U	1450	µg/l	1	9.9	8.1	10
Barium (Dissolved)	U	1450	µg/l	5	26	28	72
Beryllium (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0	< 1.0
Boron (Dissolved)	U	1450	µg/l	20	42	21	78
Cadmium (Dissolved)	U	1450	µg/l	0.08	< 0.080	< 0.080	< 0.080
Chromium (Dissolved)	U	1450	µg/l	1	2.4	3.4	1.4
Copper (Dissolved)	U	1450	µg/l	1	1.4	9.5	5.4
Mercury (Dissolved)	U	1450	µg/l	0.5	< 0.50	< 0.50	< 0.50
Nickel (Dissolved)	U	1450	µg/l	1	2.6	6.2	< 1.0
Lead (Dissolved)	U	1450	µg/l	1	< 1.0	8.1	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1	1.1	1.2	6.1
Vanadium (Dissolved)	U	1450	µg/l	1	4.1	7.8	5.6
Zinc (Dissolved)	U	1450	µg/l	1	3.6	5.6	2.1
Aliphatic TPH >C5-C6	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.1	< 0.10	< 0.10	660
Aliphatic TPH >C16-C21	N	1675	µg/l	0.1	< 0.10	< 0.10	3100
Aliphatic TPH >C21-C35	N	1675	µg/l	0.1	< 0.10	< 0.10	12000
Aliphatic TPH >C35-C44	N	1675	µg/l	0.1	< 0.10	< 0.10	370
Total Aliphatic Hydrocarbons	N	1675	µg/l	5	< 5.0	< 5.0	16000
Aromatic TPH >C5-C7	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.1	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.1	< 0.10	< 0.10	1.1
Aromatic TPH >C10-C12	N	1675	µg/l	0.1	< 0.10	1.4	58
Aromatic TPH >C12-C16	N	1675	µg/l	0.1	24	13	1200

Results Summary - Leachate

Project: 2898 Cheetwood/Unity

Client: Integra Consulting	Chemtest Job No.:				15-16335	15-16335	15-16335
Quotation No.: Q14-02166	Chemtest Sample ID.:				166052	166056	166058
Order No.:	Client Sample Ref.:						
	Client Sample ID.:				WS8	WS12	WS13
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				3.5	3.0	3.8
	Bottom Depth(m):						
	Date Sampled:				15-Jul-15	15-Jul-15	15-Jul-15
Determinand	Accred.	SOP	Units	LOD			
Aromatic TPH >C16-C21	N	1675	µg/l	0.1	110	60	7400
Aromatic TPH >C21-C35	N	1675	µg/l	0.1	230	180	9500
Aromatic TPH >C35-C44	N	1675	µg/l	0.1	20	18	530
Total Aromatic Hydrocarbons	N	1675	µg/l	5	380	270	19000
Total Petroleum Hydrocarbons	U	1675	µg/l	10	380	270	35000
Naphthalene	U	1800	µg/l	0.1	0.33	< 0.10	24
Acenaphthylene	U	1800	µg/l	0.1	< 0.10	0.15	1.1
Acenaphthene	U	1800	µg/l	0.1	0.97	< 0.10	150
Fluorene	U	1800	µg/l	0.1	0.33	< 0.10	110
Phenanthrene	U	1800	µg/l	0.1	7.7	2.8	760
Anthracene	U	1800	µg/l	0.1	0.72	0.43	230
Fluoranthene	U	1800	µg/l	0.1	15	7.5	1000
Pyrene	U	1800	µg/l	0.1	17	7.4	860
Benzo[a]anthracene	U	1800	µg/l	0.1	4.9	3.2	310
Chrysene	U	1800	µg/l	0.1	6.3	3.4	380
Benzo[b]fluoranthene	U	1800	µg/l	0.1	4.9	4.6	400
Benzo[k]fluoranthene	U	1800	µg/l	0.1	1.3	1.4	170
Benzo[a]pyrene	U	1800	µg/l	0.1	4.2	3.5	310
Indeno(1,2,3-c,d)Pyrene	U	1800	µg/l	0.1	1.7	2.1	220
Dibenz(a,h)Anthracene	U	1800	µg/l	0.1	0.30	0.25	63
Benzo[g,h,i]perylene	U	1800	µg/l	0.1	2.3	2.5	160
Total Of 16 PAH's	U	1800	µg/l	2	68	39	5100

Report Information

Key

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- N Unaccredited
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- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable Sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container

Sample Retention and Disposal

All soil samples will be retained for a period of 60 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.co.uk



Final Report

Report Number: 15-16392 Issue-1

Initial Date of Issue: 23-Jul-2015

Client: Integra Consulting

Client Address: 14 - 32 Hewitt Street
Manchester
M15 4GB

Contact(s): Michael Carter

Project: 2898 Cheetwood/Unity

Quotation No.: Q14-02166

Date Received: 17-Jul-2015

Order No.:

Date Instructed: 17-Jul-2015

No. of Samples: 1

Turnaround: (Wkdays) 5

Results Due Date: 23-Jul-2015

Date Approved: 23-Jul-2015

Approved By:



Details: Keith Jones, Technical Manager

Results Summary - 2 Stage WAC

Project: 2898 Cheetwood/Unity

Chemtest Job No: 15-16392 Chemtest Sample ID: 166401 Sample Ref: Sample ID: WS14 Top Depth(m): 0.6 Bottom Depth(m): Sampling Date: 15-Jul-2015							Landfill Waste Acceptance Criteria Limits		
							Inert Waste Landfill	Stable Non-reactive Hazardous waste in non-hazardous	Hazardous Waste Landfill
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				3	5	6
Loss on Ignition	2610	U	%				--	--	10
Total BTEX	2760	U	mg/kg				6	--	--
Total PCBs (7 congeners)	2815	U	mg/kg				1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				500	--	--
Total (of 17) PAHs	2700	N	mg/kg				100	--	--
pH	2010	U					--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg				--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative 10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg		
Arsenic	1450	U	0.0043	0.0061	< 0.050	0.058	0.5	2	25
Barium	1450	U	0.051	0.039	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.003	0.005	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0031	0.0021	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.064	0.018	0.13	0.24	0.5	10	30
Nickel	1450	U	0.0033	0.004	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	0.0024	< 0.010	0.021	0.5	10	50
Antimony	1450	U	0.012	0.0078	0.024	0.084	0.06	0.7	5
Selenium	1450	U	0.0032	0.0028	< 0.010	0.029	0.1	0.5	7
Zinc	1450	U	0.0092	0.0039	< 0.50	< 0.50	4	50	200
Chloride	1220	U	19	5.2	38	71	800	15000	25000
Fluoride	1220	U	1.6	0.98	3.2	11	10	150	500
Sulphate	1220	U	110	44	210	530	1000	20000	50000
Total Dissolved Solids	1020	N	200	91	400	1100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	24	11	< 50	130	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	13

Leachate Test Information	
Leachant volume 1st extract/l	0.324
Leachant volume 2nd extract/l	1.4
Eluant recovered from 1st extract/l	0.247

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Final Report

Report Number: 15-16810 Issue-1

Initial Date of Issue: 29-Jul-2015

Client: Integra Consulting

Client Address: 14 - 32 Hewitt Street
Manchester
M15 4GB

Contact(s): Michael Carter

Project: 2898 Cheetwood / Unity

Quotation No.: Q14-02166

Date Received: 23-Jul-2015

Order No.:

Date Instructed: 22-Jul-2015

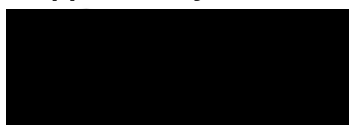
No. of Samples: 18

Turnaround: (Wkdays) 5

Results Due Date: 28-Jul-2015

Date Approved: 29-Jul-2015

Approved By:



Details: Phil Hellier, Project Director

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:		168619	168620	168621	168622	168623	168624	168625	168626	168627	168627	168627
Order No.:	Client Sample Ref.:												
	Client Sample ID.:		WS1	WS1	WS2	WS2	WS3	WS3	WS4	WS10	BH1		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.4	1.7	0.4	0.8	0.3	2.5	0.6	0.3	7.5		
	Bottom Depth(m):												
	Date Sampled:		20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192				-	-	-	-	-	-	-	-
Asbestos Identification	U	2192	%	0.001		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.02	8.1	5.6	13	12	12	18	17	8.8	17
Stones	N	2030	%	0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
pH	U	2010			8.3	8.4	7.9	8.0	7.9	8.0	8.2	8.2	8.2
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	< 0.40	0.55	0.63	0.56	0.84	0.73	< 0.40	0.43	0.73
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.019	0.019	< 0.010	0.030	0.024	0.14	0.041	0.015	0.075
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	1.8	0.70	< 0.50	1.1	< 0.50	< 0.50	0.70	< 0.50	< 0.50
Arsenic	U	2450	mg/kg	1	44	32	30	72	22	21	21	18	14
Barium	U	2450	mg/kg	10	410	330	230	450	150	240	330	200	340
Beryllium	U	2450	mg/kg	1	< 1.0	< 1.0	1.3	5.6	< 1.0	1.1	1.0	< 1.0	1.0
Cadmium	U	2450	mg/kg	0.1	0.98	0.67	0.75	1.6	0.56	0.35	0.57	0.56	0.61
Chromium	U	2450	mg/kg	1	34	74	41	34	77	67	48	26	43
Copper	U	2450	mg/kg	0.5	170	89	81	300	190	150	150	69	60
Mercury	U	2450	mg/kg	0.1	0.99	0.39	0.42	2.5	0.43	0.26	0.44	0.34	0.49
Nickel	U	2450	mg/kg	0.5	45	38	43	150	32	56	44	27	50
Lead	U	2450	mg/kg	0.5	320	200	190	370	160	140	450	160	85
Selenium	U	2450	mg/kg	0.2	< 0.20	< 0.20	< 0.20	0.45	< 0.20	0.36	< 0.20	< 0.20	< 0.20
Vanadium	U	2450	mg/kg	5	42	41	49	110	33	42	38	31	37
Zinc	U	2450	mg/kg	0.5	290	180	200	540	290	200	220	140	160
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.4	6.7	4.5	5.0	13	4.1	5.9	7.8	5.2	1.9
TPH >C6-C10	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7		< 1.0
TPH >C10-C21	N	2670	mg/kg	1	140	110	12	23	7.4	120	350		150
TPH >C21-C40	N	2670	mg/kg	1	330	340	25	54	< 1.0	100	580		180
Total TPH >C6-C40	U	2670	mg/kg	10	470	450	37	77	< 10	230	930		330
Aliphatic TPH >C5-C6	N	2675	mg/kg	0.1								< 0.10	
Aliphatic TPH >C6-C8	N	2675	mg/kg	0.1								< 0.10	
Aliphatic TPH >C8-C10	U	2675	mg/kg	0.1								< 0.10	
Aliphatic TPH >C10-C12	U	2675	mg/kg	1								< 1.0	

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168619	168620	168621	168622	168623	168624	168625	168626	168627
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS1	WS1	WS2	WS2	WS3	WS3	WS4	WS10	BH1
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.4	1.7	0.4	0.8	0.3	2.5	0.6	0.3	7.5
	Bottom Depth(m):												
	Date Sampled:				20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C12-C16	U	2675	mg/kg	1								< 1.0	
Aliphatic TPH >C16-C21	U	2675	mg/kg	1								< 1.0	
Aliphatic TPH >C21-C35	U	2675	mg/kg	1								< 1.0	
Aliphatic TPH >C35-C44	U	2675	mg/kg	1								< 1.0	
Total Aliphatic Hydrocarbons	U	2675	mg/kg	5								< 5.0	
Aromatic TPH >C5-C7	N	2675	mg/kg	0.1								< 0.10	
Aromatic TPH >C7-C8	N	2675	mg/kg	0.1								< 0.10	
Aromatic TPH >C8-C10	U	2675	mg/kg	0.1								< 0.10	
Aromatic TPH >C10-C12	N	2675	mg/kg	1								< 1.0	
Aromatic TPH >C12-C16	U	2675	mg/kg	1								9.0	
Aromatic TPH >C16-C21	U	2675	mg/kg	1								20	
Aromatic TPH >C21-C35	N	2675	mg/kg	1								47	
Aromatic TPH >C35-C44	N	2675	mg/kg	1								1.7	
Total Aromatic Hydrocarbons	U	2675	mg/kg	5								78	
Total Petroleum Hydrocarbons	U	2675	mg/kg	10								78	
Dichlorodifluoromethane	U	2760	µg/kg	1								< 1.0	
Chloromethane	U	2760	µg/kg	1								< 1.0	
Vinyl Chloride	U	2760	µg/kg	1								< 1.0	
Bromomethane	U	2760	µg/kg	20								< 20	
Chloroethane	U	2760	µg/kg	2								< 2.0	
Trichlorofluoromethane	U	2760	µg/kg	1								< 1.0	
1,1-Dichloroethene	U	2760	µg/kg	1								< 1.0	
Trans 1,2-Dichloroethene	U	2760	µg/kg	1								< 1.0	
1,1-Dichloroethane	U	2760	µg/kg	1								< 1.0	
cis 1,2-Dichloroethene	U	2760	µg/kg	1								< 1.0	
Bromochloromethane	U	2760	µg/kg	5								< 5.0	
Trichloromethane	U	2760	µg/kg	1								< 1.0	
1,1,1-Trichloroethane	U	2760	µg/kg	1								< 1.0	
Tetrachloromethane	U	2760	µg/kg	1								< 1.0	
1,1-Dichloropropene	U	2760	µg/kg	1								< 1.0	
Benzene	U	2760	µg/kg	1								< 1.0	
1,2-Dichloroethane	U	2760	µg/kg	2								< 2.0	
Trichloroethene	N	2760	µg/kg	1								< 1.0	

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:					15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:					168619	168620	168621	168622	168623	168624	168625	168626	168627
Order No.:	Client Sample Ref.:													
	Client Sample ID.:					WS1	WS1	WS2	WS2	WS3	WS3	WS4	WS10	BH1
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.4	1.7	0.4	0.8	0.3	2.5	0.6	0.3	7.5
	Bottom Depth(m):													
	Date Sampled:					20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD										
1,2-Dichloropropane	U	2760	µg/kg	1									< 1.0	
Dibromomethane	U	2760	µg/kg	1									< 1.0	
Bromodichloromethane	U	2760	µg/kg	5									< 5.0	
cis-1,3-Dichloropropene	N	2760	µg/kg	10									< 10	
Toluene	U	2760	µg/kg	1									< 1.0	
Trans-1,3-Dichloropropene	N	2760	µg/kg	10									< 10	
1,1,2-Trichloroethane	U	2760	µg/kg	10									< 10	
Tetrachloroethene	U	2760	µg/kg	1									< 1.0	
1,3-Dichloropropane	U	2760	µg/kg	2									< 2.0	
Dibromochloromethane	U	2760	µg/kg	10									< 10	
1,2-Dibromoethane	U	2760	µg/kg	5									< 5.0	
Chlorobenzene	U	2760	µg/kg	1									< 1.0	
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2									< 2.0	
Ethylbenzene	U	2760	µg/kg	1									< 1.0	
m & p-Xylene	U	2760	µg/kg	1									< 1.0	
o-Xylene	U	2760	µg/kg	1									< 1.0	
Styrene	U	2760	µg/kg	1									< 1.0	
Tribromomethane	U	2760	µg/kg	1									< 1.0	
Isopropylbenzene	U	2760	µg/kg	1									< 1.0	
Bromobenzene	U	2760	µg/kg	1									< 1.0	
1,2,3-Trichloropropane	N	2760	µg/kg	50									< 50	
N-Propylbenzene	U	2760	µg/kg	1									< 1.0	
2-Chlorotoluene	U	2760	µg/kg	1									< 1.0	
1,3,5-Trimethylbenzene	U	2760	µg/kg	1									< 1.0	
4-Chlorotoluene	U	2760	µg/kg	1									< 1.0	
Tert-Butylbenzene	U	2760	µg/kg	1									< 1.0	
1,2,4-Trimethylbenzene	U	2760	µg/kg	1									< 1.0	
Sec-Butylbenzene	U	2760	µg/kg	1									< 1.0	
1,3-Dichlorobenzene	U	2760	µg/kg	1									< 1.0	
4-Isopropyltoluene	U	2760	µg/kg	1									< 1.0	
1,4-Dichlorobenzene	U	2760	µg/kg	1									< 1.0	
N-Butylbenzene	U	2760	µg/kg	1									< 1.0	
1,2-Dichlorobenzene	U	2760	µg/kg	1									< 1.0	

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168619	168620	168621	168622	168623	168624	168625	168626	168627
Order No.:	Client Sample Ref.:												
	Client Sample ID.:				WS1	WS1	WS2	WS2	WS3	WS3	WS4	WS10	BH1
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.4	1.7	0.4	0.8	0.3	2.5	0.6	0.3	7.5
	Bottom Depth(m):												
	Date Sampled:				20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD									
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50								< 50	
1,2,4-Trichlorobenzene	U	2760	µg/kg	1								< 1.0	
Hexachlorobutadiene	U	2760	µg/kg	1								< 1.0	
1,2,3-Trichlorobenzene	U	2760	µg/kg	2								< 2.0	
Methyl Tert-Butyl Ether	U	2760	µg/kg	1								< 1.0	
Naphthalene	U	2800	mg/kg	0.1	1.2	1.7	0.12	0.44	< 0.10	0.28	1.1	0.74	1.1
Acenaphthylene	N	2800	mg/kg	0.1	0.40	0.20	< 0.10	0.11	< 0.10	< 0.10	0.25	0.18	< 0.10
Acenaphthene	U	2800	mg/kg	0.1	1.7	2.3	< 0.10	0.57	< 0.10	0.38	2.2	0.88	1.4
Fluorene	U	2800	mg/kg	0.1	1.4	1.7	< 0.10	0.37	< 0.10	0.41	1.9	0.72	1.3
Phenanthrene	U	2800	mg/kg	0.1	15	18	0.69	5.5	1.1	2.6	14	7.4	6.5
Anthracene	U	2800	mg/kg	0.1	3.2	4.2	< 0.10	1.2	0.21	0.35	3.5	1.8	1.2
Fluoranthene	U	2800	mg/kg	0.1	24	25	1.2	9.2	2.3	2.6	19	12	7.9
Pyrene	U	2800	mg/kg	0.1	22	22	1.2	8.4	2.1	2.2	17	12	6.6
Benzo[a]anthracene	U	2800	mg/kg	0.1	11	11	0.39	4.5	0.86	0.81	8.4	5.2	3.2
Chrysene	U	2800	mg/kg	0.1	13	12	0.47	5.3	1.0	0.99	9.0	5.8	3.4
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	16	13	0.62	6.3	1.3	1.0	11	7.4	3.6
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	5.6	5.4	0.15	2.1	0.36	0.27	4.3	2.3	1.2
Benzo[a]pyrene	U	2800	mg/kg	0.1	12	11	0.44	4.8	0.90	0.75	8.2	5.7	2.5
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	9.1	7.7	0.34	3.7	0.62	0.51	6.8	4.4	1.7
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	2.0	1.7	< 0.10	0.64	< 0.10	< 0.10	1.1	0.73	0.28
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	8.0	6.5	0.38	3.4	0.64	0.63	5.8	3.9	1.8
Total Of 16 PAH's	N	2800	mg/kg	2	150	140	6.0	57	11	14	110	71	44
Total Phenols	U	2920	mg/kg	0.3								< 0.30	

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:		168628	168629	168630	168631	168632	168633	168636	
Order No.:	Client Sample Ref.:									
	Client Sample ID.:		BH1	BH2	BH3G	BH4	BH5A	BH6	WS1	
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):		9.0	10.0	10.8	7.3	11.5	10.5	6.7	
	Bottom Depth(m):							10.95		
	Date Sampled:		20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	16-Jul-15	
Determinand	Accred.	SOP	Units	LOD						
ACM Type	U	2192					-	-		
Asbestos Identification	U	2192	%	0.001			No Asbestos Detected	No Asbestos Detected		
Moisture	N	2030	%	0.02	17	15	20	19	22	9.7
Stones	N	2030	%	0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
pH	U	2010			8.2	8.4	8.4	7.5	8.2	8.6
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	0.49	0.54	0.69	0.83	0.89	1.1
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.086	0.076	0.068	0.16	0.14	0.37
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Arsenic	U	2450	mg/kg	1	14	14	20	6.1	17	26
Barium	U	2450	mg/kg	10	240	220	270	69	220	270
Beryllium	U	2450	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0
Cadmium	U	2450	mg/kg	0.1	0.20	0.16	0.31	< 0.10	0.27	0.62
Chromium	U	2450	mg/kg	1	40	37	46	17	48	45
Copper	U	2450	mg/kg	0.5	42	41	54	27	44	70
Mercury	U	2450	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	12
Nickel	U	2450	mg/kg	0.5	47	47	66	13	63	52
Lead	U	2450	mg/kg	0.5	28	19	29	28	21	140
Selenium	U	2450	mg/kg	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Vanadium	U	2450	mg/kg	5	35	35	45	19	47	42
Zinc	U	2450	mg/kg	0.5	95	89	130	57	100	280
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.4	1.5	1.4	1.7	0.88	1.6	2.8
TPH >C6-C10	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0
TPH >C10-C21	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0
TPH >C21-C40	N	2670	mg/kg	1	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0
Total TPH >C6-C40	U	2670	mg/kg	10	< 10	< 10	< 10		< 10	< 10
Aliphatic TPH >C5-C6	N	2675	mg/kg	0.1				< 0.10	< 0.10	
Aliphatic TPH >C6-C8	N	2675	mg/kg	0.1				< 0.10	< 0.10	
Aliphatic TPH >C8-C10	U	2675	mg/kg	0.1				< 0.10	< 0.10	
Aliphatic TPH >C10-C12	U	2675	mg/kg	1				< 1.0	< 1.0	

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168628	168629	168630	168631	168632	168633	168636
Order No.:	Client Sample Ref.:										
	Client Sample ID.:				BH1	BH2	BH3G	BH4	BH5A	BH6	WS1
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				9.0	10.0	10.8	7.3	11.5	10.5	6.7
	Bottom Depth(m):									10.95	
	Date Sampled:				20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	16-Jul-15
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C12-C16	U	2675	mg/kg	1				< 1.0	< 1.0		
Aliphatic TPH >C16-C21	U	2675	mg/kg	1				< 1.0	< 1.0		
Aliphatic TPH >C21-C35	U	2675	mg/kg	1				< 1.0	< 1.0		
Aliphatic TPH >C35-C44	U	2675	mg/kg	1				< 1.0	< 1.0		
Total Aliphatic Hydrocarbons	U	2675	mg/kg	5				< 5.0	< 5.0		
Aromatic TPH >C5-C7	N	2675	mg/kg	0.1				< 0.10	< 0.10		
Aromatic TPH >C7-C8	N	2675	mg/kg	0.1				< 0.10	< 0.10		
Aromatic TPH >C8-C10	U	2675	mg/kg	0.1				< 0.10	< 0.10		
Aromatic TPH >C10-C12	N	2675	mg/kg	1				< 1.0	< 1.0		
Aromatic TPH >C12-C16	U	2675	mg/kg	1				< 1.0	< 1.0		
Aromatic TPH >C16-C21	U	2675	mg/kg	1				8.7	< 1.0		
Aromatic TPH >C21-C35	N	2675	mg/kg	1				12	< 1.0		
Aromatic TPH >C35-C44	N	2675	mg/kg	1				< 1.0	< 1.0		
Total Aromatic Hydrocarbons	U	2675	mg/kg	5				21	< 5.0		
Total Petroleum Hydrocarbons	U	2675	mg/kg	10				21	< 10		
Dichlorodifluoromethane	U	2760	µg/kg	1				< 1.0	< 1.0		
Chloromethane	U	2760	µg/kg	1				< 1.0	< 1.0		
Vinyl Chloride	U	2760	µg/kg	1				< 1.0	< 1.0		
Bromomethane	U	2760	µg/kg	20				< 20	< 20		
Chloroethane	U	2760	µg/kg	2				< 2.0	< 2.0		
Trichlorofluoromethane	U	2760	µg/kg	1				< 1.0	< 1.0		
1,1-Dichloroethene	U	2760	µg/kg	1				< 1.0	< 1.0		
Trans 1,2-Dichloroethene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,1-Dichloroethane	U	2760	µg/kg	1				< 1.0	< 1.0		
cis 1,2-Dichloroethene	U	2760	µg/kg	1				< 1.0	< 1.0		
Bromochloromethane	U	2760	µg/kg	5				< 5.0	< 5.0		
Trichloromethane	U	2760	µg/kg	1				< 1.0	< 1.0		
1,1,1-Trichloroethane	U	2760	µg/kg	1				< 1.0	< 1.0		
Tetrachloromethane	U	2760	µg/kg	1				< 1.0	< 1.0		
1,1-Dichloropropene	U	2760	µg/kg	1				< 1.0	< 1.0		
Benzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,2-Dichloroethane	U	2760	µg/kg	2				< 2.0	< 2.0		
Trichloroethene	N	2760	µg/kg	1				< 1.0	< 1.0		

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168628	168629	168630	168631	168632	168633	168636
Order No.:	Client Sample Ref.:										
	Client Sample ID.:				BH1	BH2	BH3G	BH4	BH5A	BH6	WS1
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				9.0	10.0	10.8	7.3	11.5	10.5	6.7
	Bottom Depth(m):									10.95	
	Date Sampled:				20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	16-Jul-15
Determinand	Accred.	SOP	Units	LOD							
1,2-Dichloropropane	U	2760	µg/kg	1				< 1.0	< 1.0		
Dibromomethane	U	2760	µg/kg	1				< 1.0	< 1.0		
Bromodichloromethane	U	2760	µg/kg	5				< 5.0	< 5.0		
cis-1,3-Dichloropropene	N	2760	µg/kg	10				< 10	< 10		
Toluene	U	2760	µg/kg	1				< 1.0	< 1.0		
Trans-1,3-Dichloropropene	N	2760	µg/kg	10				< 10	< 10		
1,1,2-Trichloroethane	U	2760	µg/kg	10				< 10	< 10		
Tetrachloroethene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,3-Dichloropropane	U	2760	µg/kg	2				< 2.0	< 2.0		
Dibromochloromethane	U	2760	µg/kg	10				< 10	< 10		
1,2-Dibromoethane	U	2760	µg/kg	5				< 5.0	< 5.0		
Chlorobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2				< 2.0	< 2.0		
Ethylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
m & p-Xylene	U	2760	µg/kg	1				< 1.0	< 1.0		
o-Xylene	U	2760	µg/kg	1				< 1.0	< 1.0		
Styrene	U	2760	µg/kg	1				< 1.0	< 1.0		
Tribromomethane	U	2760	µg/kg	1				< 1.0	< 1.0		
Isopropylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
Bromobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,2,3-Trichloropropane	N	2760	µg/kg	50				< 50	< 50		
N-Propylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
2-Chlorotoluene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,3,5-Trimethylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
4-Chlorotoluene	U	2760	µg/kg	1				< 1.0	< 1.0		
Tert-Butylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,2,4-Trimethylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
Sec-Butylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,3-Dichlorobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
4-Isopropyltoluene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,4-Dichlorobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
N-Butylbenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,2-Dichlorobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		

Results Summary - Soil

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810	15-16810	15-16810	15-16810	15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168628	168629	168630	168631	168632	168633	168636
Order No.:	Client Sample Ref.:										
	Client Sample ID.:				BH1	BH2	BH3G	BH4	BH5A	BH6	WS1
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				9.0	10.0	10.8	7.3	11.5	10.5	6.7
	Bottom Depth(m):									10.95	
	Date Sampled:				20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	20-Jul-15	16-Jul-15
Determinand	Accred.	SOP	Units	LOD							
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50				< 50	< 50		
1,2,4-Trichlorobenzene	U	2760	µg/kg	1				< 1.0	< 1.0		
Hexachlorobutadiene	U	2760	µg/kg	1				< 1.0	< 1.0		
1,2,3-Trichlorobenzene	U	2760	µg/kg	2				< 2.0	< 2.0		
Methyl Tert-Butyl Ether	U	2760	µg/kg	1				< 1.0	< 1.0		
Naphthalene	U	2800	mg/kg	0.1	0.15	< 0.10	< 0.10	< 0.10	< 0.10	0.14	< 0.10
Acenaphthylene	N	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	2800	mg/kg	0.1	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	2800	mg/kg	0.1	0.11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	2800	mg/kg	0.1	0.96	0.49	0.33	< 0.10	0.23	1.7	< 0.10
Anthracene	U	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.19	< 0.10
Fluoranthene	U	2800	mg/kg	0.1	0.99	0.40	0.13	< 0.10	< 0.10	2.8	< 0.10
Pyrene	U	2800	mg/kg	0.1	0.90	0.39	0.18	0.17	0.12	2.6	< 0.10
Benzo[a]anthracene	U	2800	mg/kg	0.1	0.17	< 0.10	< 0.10	< 0.10	< 0.10	0.90	< 0.10
Chrysene	U	2800	mg/kg	0.1	0.24	< 0.10	< 0.10	< 0.10	< 0.10	0.51	< 0.10
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	0.21	< 0.10	< 0.10	< 0.10	< 0.10	2.9	< 0.10
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.85	< 0.10
Benzo[a]pyrene	U	2800	mg/kg	0.1	0.11	< 0.10	< 0.10	< 0.10	< 0.10	0.98	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.7	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.17	< 0.10
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.9	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2	3.9	< 2.0	< 2.0	< 2.0	< 2.0	17	< 2.0
Total Phenols	U	2920	mg/kg	0.3				< 0.30	< 0.30		

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168634	168635
Order No.:	Client Sample Ref.:					
	Client Sample ID.:				BH10	BH10
	Sample Type:				SOIL	SOIL
	Top Depth (m):				6.5	9.0
	Bottom Depth(m):					
	Date Sampled:				20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD		
pH	U	1010			8.9	8.6
Electrical Conductivity	U	1020	µS/cm	1	75	140
Nitrate	U	1220	mg/l	0.5	1.3	22
Sulphate	U	1220	mg/l	1	25	78
Cyanide (Free)	U	1300	mg/l	0.05	< 0.050	< 0.050
Hardness	U	1415	mg/l	15	26	56
Arsenic (Dissolved)	U	1450	µg/l	1	1.2	4.0
Barium (Dissolved)	U	1450	µg/l	5	15	24
Beryllium (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0
Boron (Dissolved)	U	1450	µg/l	20	< 20	< 20
Cadmium (Dissolved)	U	1450	µg/l	0.08	< 0.080	< 0.080
Chromium (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0
Copper (Dissolved)	U	1450	µg/l	1	1.7	2.1
Mercury (Dissolved)	U	1450	µg/l	0.5	< 0.50	< 0.50
Nickel (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0
Lead (Dissolved)	U	1450	µg/l	1	4.1	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0
Vanadium (Dissolved)	U	1450	µg/l	1	< 1.0	1.3
Zinc (Dissolved)	U	1450	µg/l	1	3.1	< 1.0
Aliphatic TPH >C5-C6	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C16-C21	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C21-C35	N	1675	µg/l	0.1	< 0.10	< 0.10
Aliphatic TPH >C35-C44	N	1675	µg/l	0.1	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	1675	µg/l	0.1	< 0.10	< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.1	< 0.10	< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.1	< 0.10	< 0.10
Aromatic TPH >C10-C12	N	1675	µg/l	0.1	< 0.10	< 0.10
Aromatic TPH >C12-C16	N	1675	µg/l	0.1	< 0.10	< 0.10

Results Summary - Leachate

Project: 2898 Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:				15-16810	15-16810
Quotation No.: Q14-02166	Chemtest Sample ID.:				168634	168635
Order No.:	Client Sample Ref.:					
	Client Sample ID.:				BH10	BH10
	Sample Type:				SOIL	SOIL
	Top Depth (m):				6.5	9.0
	Bottom Depth(m):					
	Date Sampled:				20-Jul-15	20-Jul-15
Determinand	Accred.	SOP	Units	LOD		
Aromatic TPH >C16-C21	N	1675	µg/l	0.1	24	2.7
Aromatic TPH >C21-C35	N	1675	µg/l	0.1	7.3	< 0.10
Aromatic TPH >C35-C44	N	1675	µg/l	0.1	< 0.10	< 0.10
Total Aromatic Hydrocarbons	N	1675	µg/l	5	32	< 5.0
Total Petroleum Hydrocarbons	U	1675	µg/l	10	32	< 10
Naphthalene	U	1800	µg/l	0.1	< 0.10	< 0.10
Acenaphthylene	U	1800	µg/l	0.1	< 0.10	< 0.10
Acenaphthene	U	1800	µg/l	0.1	0.42	< 0.10
Fluorene	U	1800	µg/l	0.1	0.14	< 0.10
Phenanthrene	U	1800	µg/l	0.1	1.8	< 0.10
Anthracene	U	1800	µg/l	0.1	0.34	< 0.10
Fluoranthene	U	1800	µg/l	0.1	5.7	0.33
Pyrene	U	1800	µg/l	0.1	6.8	1.4
Benzo[a]anthracene	U	1800	µg/l	0.1	0.50	< 0.10
Chrysene	U	1800	µg/l	0.1	0.62	< 0.10
Benzo[b]fluoranthene	U	1800	µg/l	0.1	0.53	< 0.10
Benzo[k]fluoranthene	U	1800	µg/l	0.1	0.18	< 0.10
Benzo[a]pyrene	U	1800	µg/l	0.1	0.37	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1800	µg/l	0.1	0.19	< 0.10
Dibenz(a,h)Anthracene	U	1800	µg/l	0.1	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1800	µg/l	0.1	0.25	< 0.10
Total Of 16 PAH's	U	1800	µg/l	2	18	< 2.0

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Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container

Sample Retention and Disposal

All soil samples will be retained for a period of 60 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.co.uk



Final Report

Report Number: 15-17015 Issue-1

Initial Date of Issue: 30-Jul-2015

Client: Integra Consulting

Client Address: 14 - 32 Hewitt Street
Manchester
M15 4GB

Contact(s): Andrew Edwards
Michael Carter

Project: 2898 - Cheetwood / Unity

Quotation No.: Q14-02166

Date Received: 24-Jul-2015

Order No.:

Date Instructed: 24-Jul-2015

No. of Samples: 1

Turnaround: (Wkdays) 5

Results Due Date: 30-Jul-2015

Date Approved: 30-Jul-2015

Approved By:



Details: Keith Jones, Technical Manager

Results Summary - Soil

Project: 2898 - Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-17015		
Quotation No.: Q14-02166	Chemtest Sample ID.:		170041		
Order No.:	Client Sample Ref.:				
	Client Sample ID.:		BH7		
	Sample Type:		SOIL		
	Top Depth (m):		0.30		
	Bottom Depth(m):				
	Date Sampled:		23-Jul-15		
Determinand	Accred.	SOP	Units	LOD	
ACM Type	U	2192			-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected
Moisture	N	2030	%	0.02	8.3
Stones	N	2030	%	0.02	< 0.020
pH	U	2010			8.5
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	< 0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.022
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	< 0.50
Arsenic	U	2450	mg/kg	1	16
Barium	U	2450	mg/kg	10	260
Beryllium	U	2450	mg/kg	1	< 1.0
Cadmium	U	2450	mg/kg	0.1	0.58
Chromium	U	2450	mg/kg	1	29
Copper	U	2450	mg/kg	0.5	110
Mercury	U	2450	mg/kg	0.1	0.33
Nickel	U	2450	mg/kg	0.5	30
Lead	U	2450	mg/kg	0.5	160
Selenium	U	2450	mg/kg	0.2	< 0.20
Vanadium	U	2450	mg/kg	5	29
Zinc	U	2450	mg/kg	0.5	180
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50
Organic Matter	U	2625	%	0.4	4.1
TPH >C6-C10	N	2670	mg/kg	1	< 1.0
TPH >C10-C21	N	2670	mg/kg	1	52
TPH >C21-C40	N	2670	mg/kg	1	140
Total TPH >C6-C40	U	2670	mg/kg	10	190
Naphthalene	U	2800	mg/kg	0.1	0.26
Acenaphthylene	N	2800	mg/kg	0.1	< 0.10
Acenaphthene	U	2800	mg/kg	0.1	0.38
Fluorene	U	2800	mg/kg	0.1	0.35

Results Summary - Soil

Project: 2898 - Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-17015		
Quotation No.: Q14-02166	Chemtest Sample ID.:		170041		
Order No.:	Client Sample Ref.:				
	Client Sample ID.:		BH7		
	Sample Type:		SOIL		
	Top Depth (m):		0.30		
	Bottom Depth(m):				
	Date Sampled:		23-Jul-15		
Determinand	Accred.	SOP	Units	LOD	
Phenanthrene	U	2800	mg/kg	0.1	3.8
Anthracene	U	2800	mg/kg	0.1	0.67
Fluoranthene	U	2800	mg/kg	0.1	6.9
Pyrene	U	2800	mg/kg	0.1	5.1
Benzo[a]anthracene	U	2800	mg/kg	0.1	2.9
Chrysene	U	2800	mg/kg	0.1	3.3
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	3.9
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	1.4
Benzo[a]pyrene	U	2800	mg/kg	0.1	2.9
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	2.2
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	0.30
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	2.0
Total Of 16 PAH's	N	2800	mg/kg	2	36

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Final Report

Report Number: 15-18768 Issue-1

Initial Date of Issue: 21-Aug-2015

Client: Integra Consulting

Client Address: 14 - 32 Hewitt Street
Manchester
M15 4GB

Contact(s): Michael Carter

Project: 2898 - Cheetwood / Unity

Quotation No.: **Date Received:** 14-Aug-2015

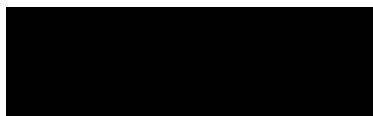
Order No.: **Date Instructed:** 14-Aug-2015

No. of Samples: 1

Turnaround: (Wkdays) 5 **Results Due Date:** 20-Aug-2015

Date Approved: 21-Aug-2015

Approved By:



Details: Keith Jones, Technical Manager

Results Summary - Soil

Project: 2898 - Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-18768		
Quotation No.:	Chemtest Sample ID.:		179137		
Order No.:	Client Sample Ref.:				
	Client Sample ID.:		WS4		
	Sample Type:		SOIL		
	Top Depth (m):		0.25		
	Bottom Depth(m):				
	Date Sampled:		13-Aug-15		
Determinand	Accred.	SOP	Units	LOD	
ACM Type	U	2192			-
Asbestos Identification	U	2192			No Asbestos Detected
Moisture	N	2030	%	0.02	15
Stones	N	2030	%	0.02	< 0.020
pH	U	2010			8.1
Boron (Hot Water Soluble)	U	2120	mg/kg	0.4	0.79
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.01	0.026
Nitrate (Extractable)	N	2220	g/l	0.01	< 0.010
Cyanide (Free)	U	2300	mg/kg	0.5	< 0.50
Cyanide (Total)	U	2300	mg/kg	0.5	1.6
Arsenic	U	2450	mg/kg	1	23
Barium	U	2450	mg/kg	10	390
Beryllium	U	2450	mg/kg	1	1.4
Cadmium	U	2450	mg/kg	0.1	0.47
Chromium	U	2450	mg/kg	1	26
Copper	U	2450	mg/kg	0.5	130
Mercury	U	2450	mg/kg	0.1	0.65
Nickel	U	2450	mg/kg	0.5	37
Lead	U	2450	mg/kg	0.5	2000
Selenium	U	2450	mg/kg	0.2	0.39
Vanadium	U	2450	mg/kg	5	36
Zinc	U	2450	mg/kg	0.5	160
Chromium (Hexavalent)	N	2490	mg/kg	0.5	< 0.50
Organic Matter	U	2625	%	0.4	21
TPH >C6-C10	N	2670	mg/kg	1	< 1.0
TPH >C10-C21	N	2670	mg/kg	1	75
TPH >C21-C40	N	2670	mg/kg	1	240
Total TPH >C6-C40	U	2670	mg/kg	10	320
Naphthalene	U	2800	mg/kg	0.1	1.4
Acenaphthylene	N	2800	mg/kg	0.1	0.57
Acenaphthene	U	2800	mg/kg	0.1	1.1
Fluorene	U	2800	mg/kg	0.1	1.0

Results Summary - Soil

Project: 2898 - Cheetwood / Unity

Client: Integra Consulting	Chemtest Job No.:		15-18768		
Quotation No.:	Chemtest Sample ID.:		179137		
Order No.:	Client Sample Ref.:				
	Client Sample ID.:		WS4		
	Sample Type:		SOIL		
	Top Depth (m):		0.25		
	Bottom Depth(m):				
	Date Sampled:		13-Aug-15		
Determinand	Accred.	SOP	Units	LOD	
Phenanthrene	U	2800	mg/kg	0.1	8.4
Anthracene	U	2800	mg/kg	0.1	2.5
Fluoranthene	U	2800	mg/kg	0.1	14
Pyrene	U	2800	mg/kg	0.1	12
Benzo[a]anthracene	U	2800	mg/kg	0.1	7.5
Chrysene	U	2800	mg/kg	0.1	7.6
Benzo[b]fluoranthene	N	2800	mg/kg	0.1	10
Benzo[k]fluoranthene	U	2800	mg/kg	0.1	3.8
Benzo[a]pyrene	U	2800	mg/kg	0.1	8.1
Indeno(1,2,3-c,d)Pyrene	U	2800	mg/kg	0.1	5.8
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.1	0.99
Benzo[g,h,i]perylene	U	2800	mg/kg	0.1	4.9
Total Of 16 PAH's	N	2800	mg/kg	2	90

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APPENDIX 7

GEOTECHNICAL LABORATORY TEST RESULTS



0001

Determination of Moisture Content and Atterberg Limits

Client:
Client Address:

Postcode:
Contact:

Site:

Integra Consulting (Engineers) Ltd
Suite 3
14-32 Hewitt Street
Manchester
M15 4GB
Michael Carter

2898

Report No: 51015925/15/01
Batch Number: DAM0054834

Sampled by: Client
Date Sampled: 24.06-16.07.15
Date Received: 17.07.15
Tested From: 27.07.15 to 29.07.15
Sample Type: Disturbed/Bulk

Test Results:

Laboratory Reference	Location	Depth (m)	Description	Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm (Estimated)
45251071	BH1	10.50-11.00	Brown sandy CLAY	17	34	17	17	100
45251073	BH2	9.50-10.00	Brown clayey silty SAND	18	24	15	9	**98
45251076	BH3G	15.00-15.50	Brown sandy CLAY with occasional gravel	14	27	14	13	85
45251078	BH4	12.50-13.00	Brown CLAY with occasional gravel	20	33	19	14	100
45251081	BH5A	19.00-19.50	Brown CLAY/SILT/SAND	14	33	15	18	**97
45251083	BH6	17.50-18.00	Brown sandy CLAY/SILT	22	38	18	20	**97
45251085	BH7	10.50-11.00	Brown CLAY with silt	20	37	18	19	100
45251087	BH8	12.00-12.50	Brown clayey sandy SILT	27	29	21	8	**99
45251088	BH10	9.50-10.00	Brown CLAY with silt	19	28	14	14	100

Sample Preparation: As Received
* Washed over 425µm BS Test Sieve
** Actual % passing 425µm BS Test Sieve from separate grading analysis

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

Page: 1 of 1
Date Reported: 04.08.15

Signed

For and on behalf of Environmental Scientifics Group

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

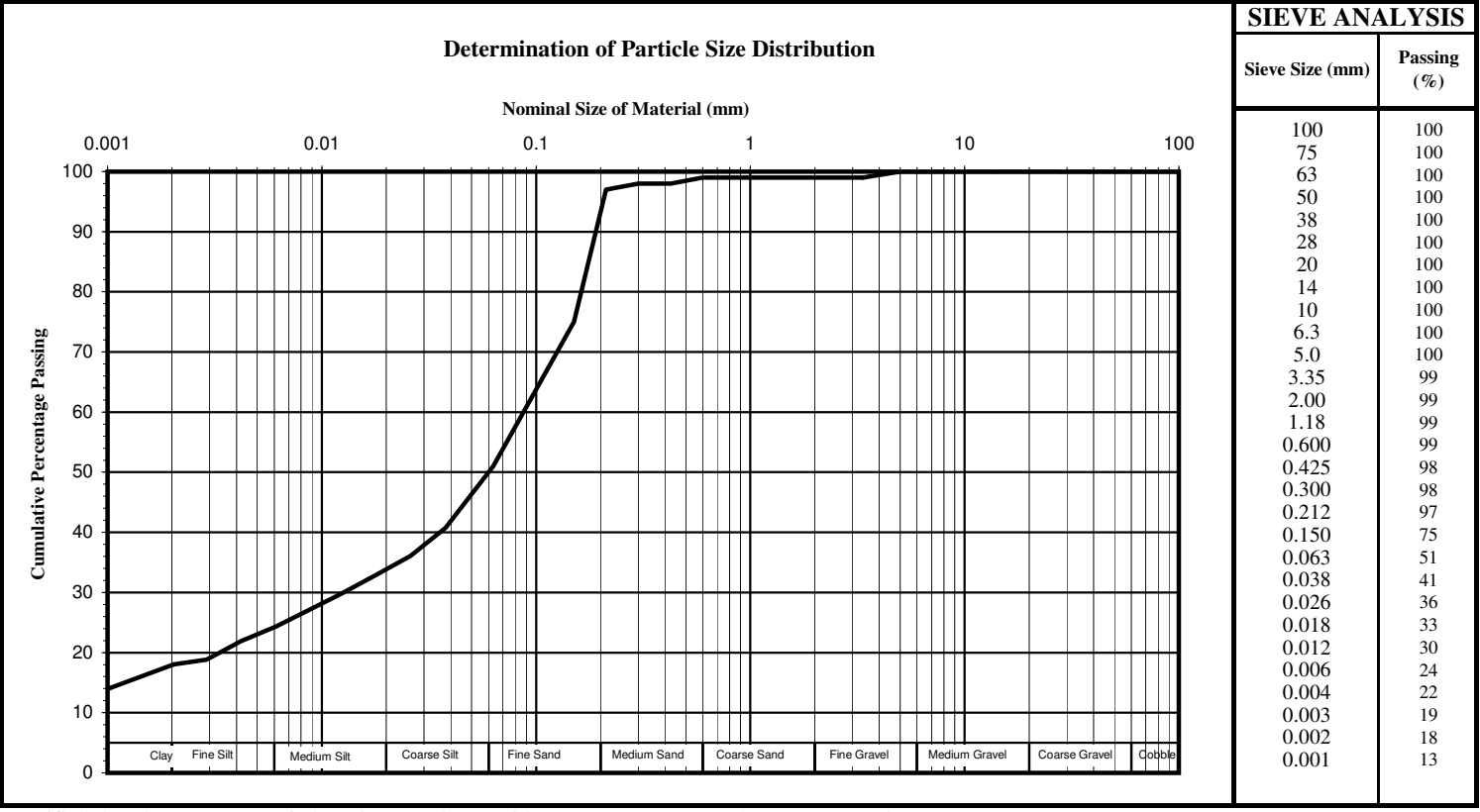
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation



0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/02
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251073
Postcode:	M15 4GB		
Contact:	Michael Carter		
Site:	2898	Client Reference:	3
		Location:	BH2
		Depth (m):	9.50-10.00
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown clayey silty SAND	Date Received:	17.07.15
Moisture Content (%):	18	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	8.8



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Signed



[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group

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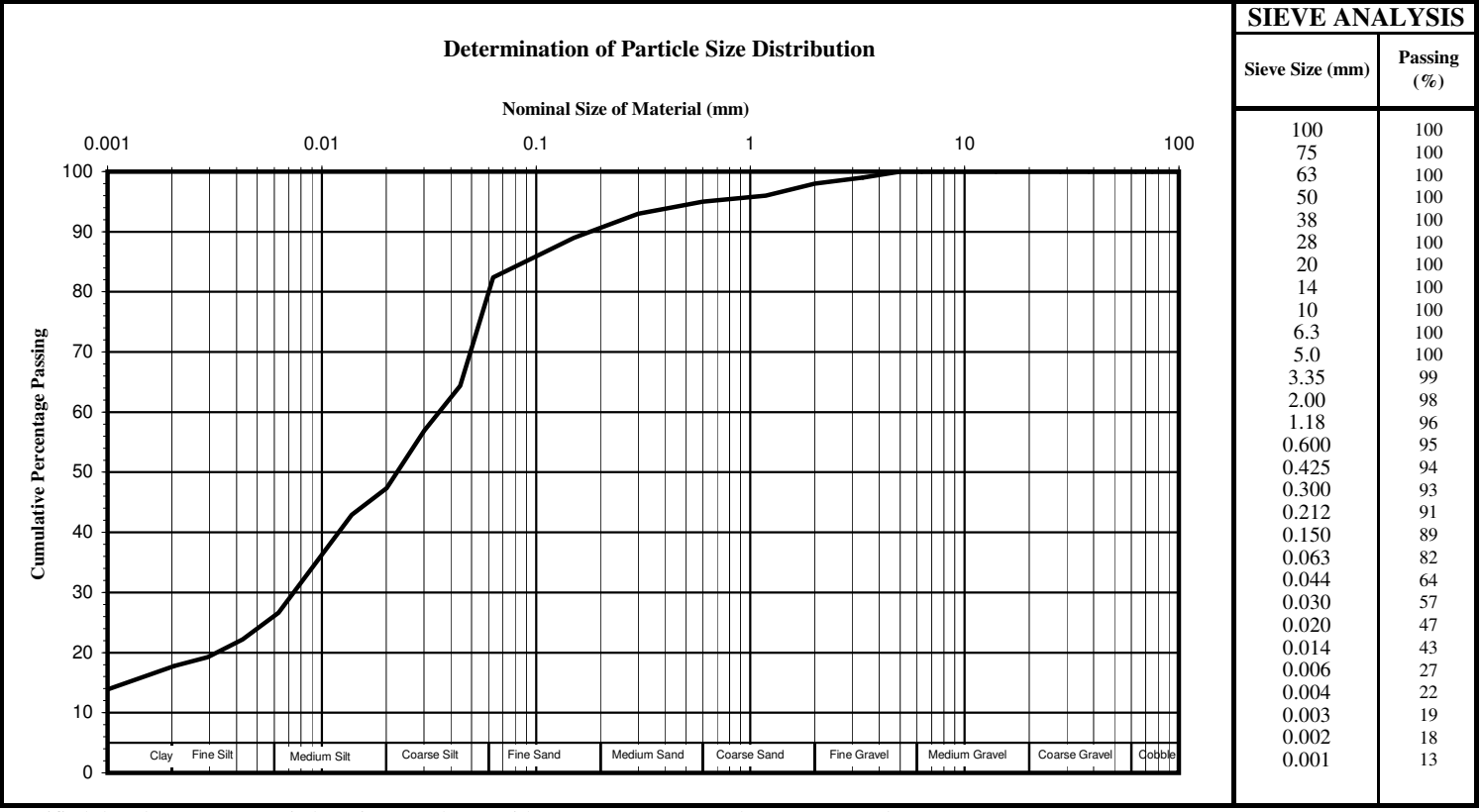
This Test Report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory



0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/03
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251075
Postcode:	M15 4GB	Client Reference:	5
Contact:	Michael Carter	Location:	BH3G
Site:	2898	Depth (m):	13.00-13.50
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown clayey sandy SILT	Date Received:	17.07.15
Moisture Content (%):	20	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	8



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15
Signed [Signature] [✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

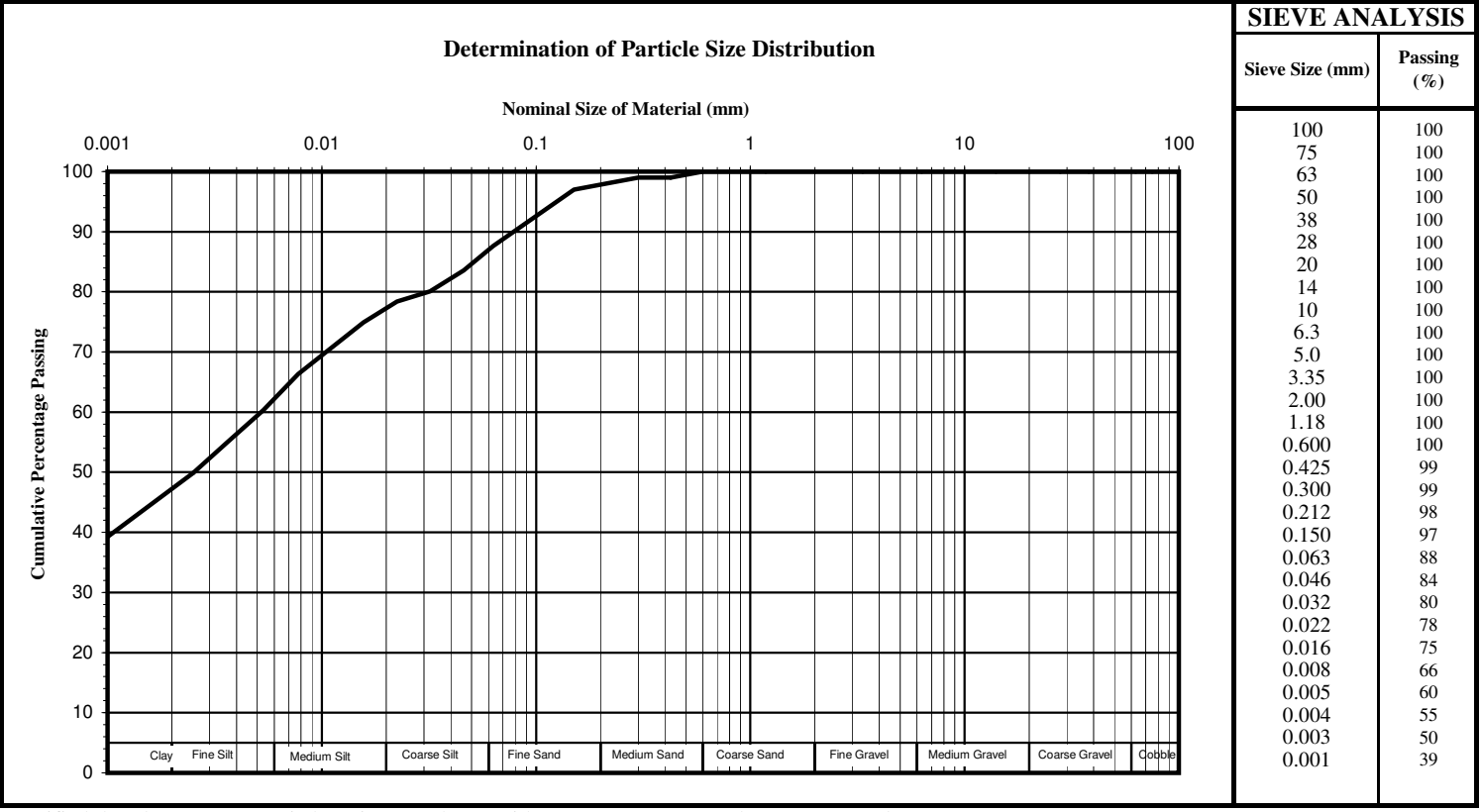
For and on behalf of Environmental Scientifics Group
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation



0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/04
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251080
Postcode:	M15 4GB	Client Reference:	10
Contact:	Michael Carter	Location:	BH5A
Site:	2898	Depth (m):	11.00-11.50
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown silty sandy CLAY	Date Received:	17.07.15
Moisture Content (%):	15	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	7.5



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Signed



[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

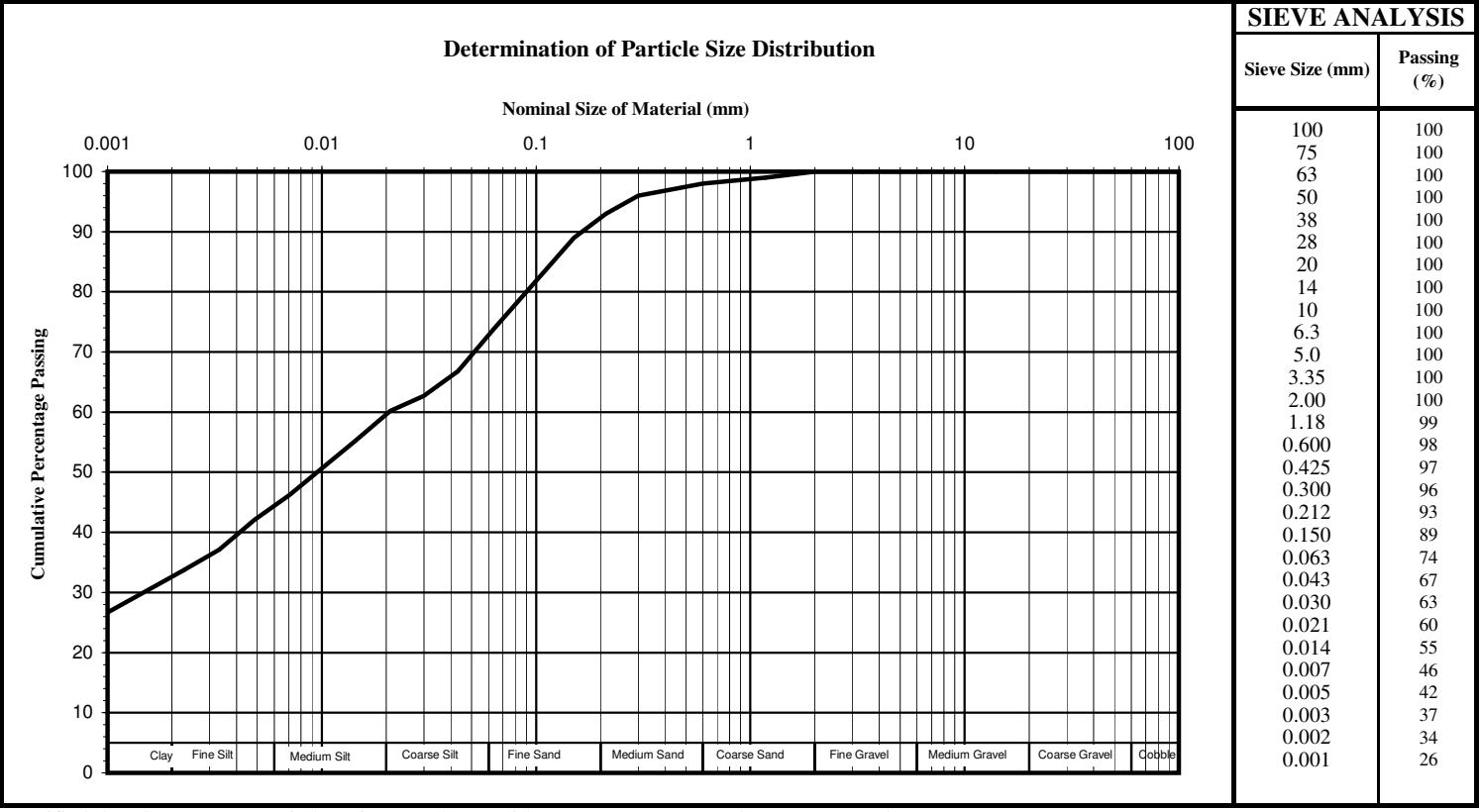
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0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/05
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251081
Postcode:	M15 4GB	Client Reference:	11
Contact:	Michael Carter	Location:	BH5A
Site:	2898	Depth (m):	19.00-19.50
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown CLAY/SILT/SAND	Date Received:	17.07.15
Moisture Content (%):	14	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	7.5



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15

Signed

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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ESG
2 Newton Close
Drayton Fields Industrial Estate
Daventry
Northants NN11 8RR
Telephone: +44 (0) 1327 703828
Facsimile: +44 (0) 1327 300154

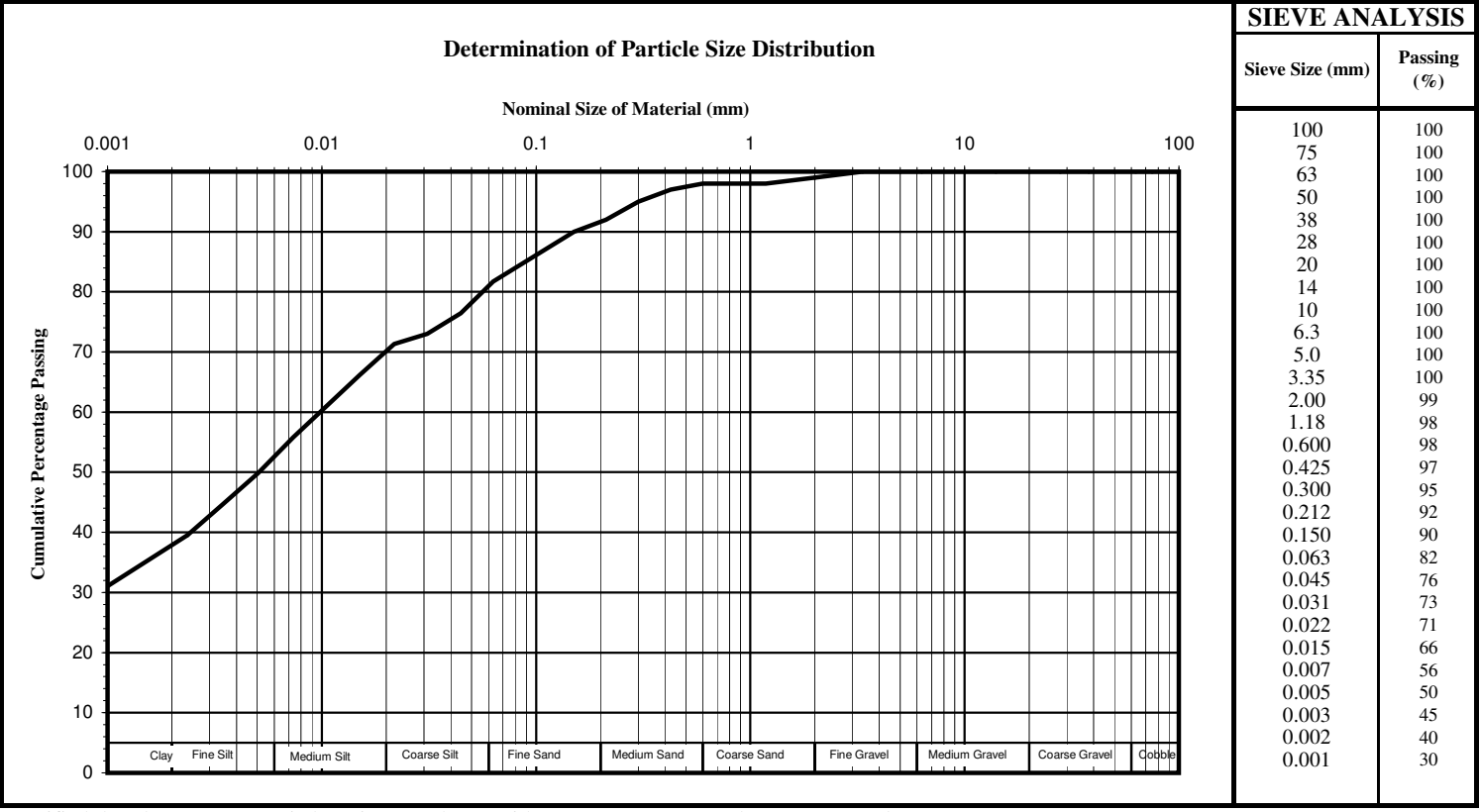


0001

TEST REPORT

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/06
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251083
Postcode:	M15 4GB		
Contact:	Michael Carter		
Site:	2898	Client Reference:	13
		Location:	BH6
		Depth (m):	17.50-18.00
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown sandy CLAY/SILT	Date Received:	17.07.15
Moisture Content (%):	22	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	7.9



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1

Date Reported: 04.08.15

Signed



[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

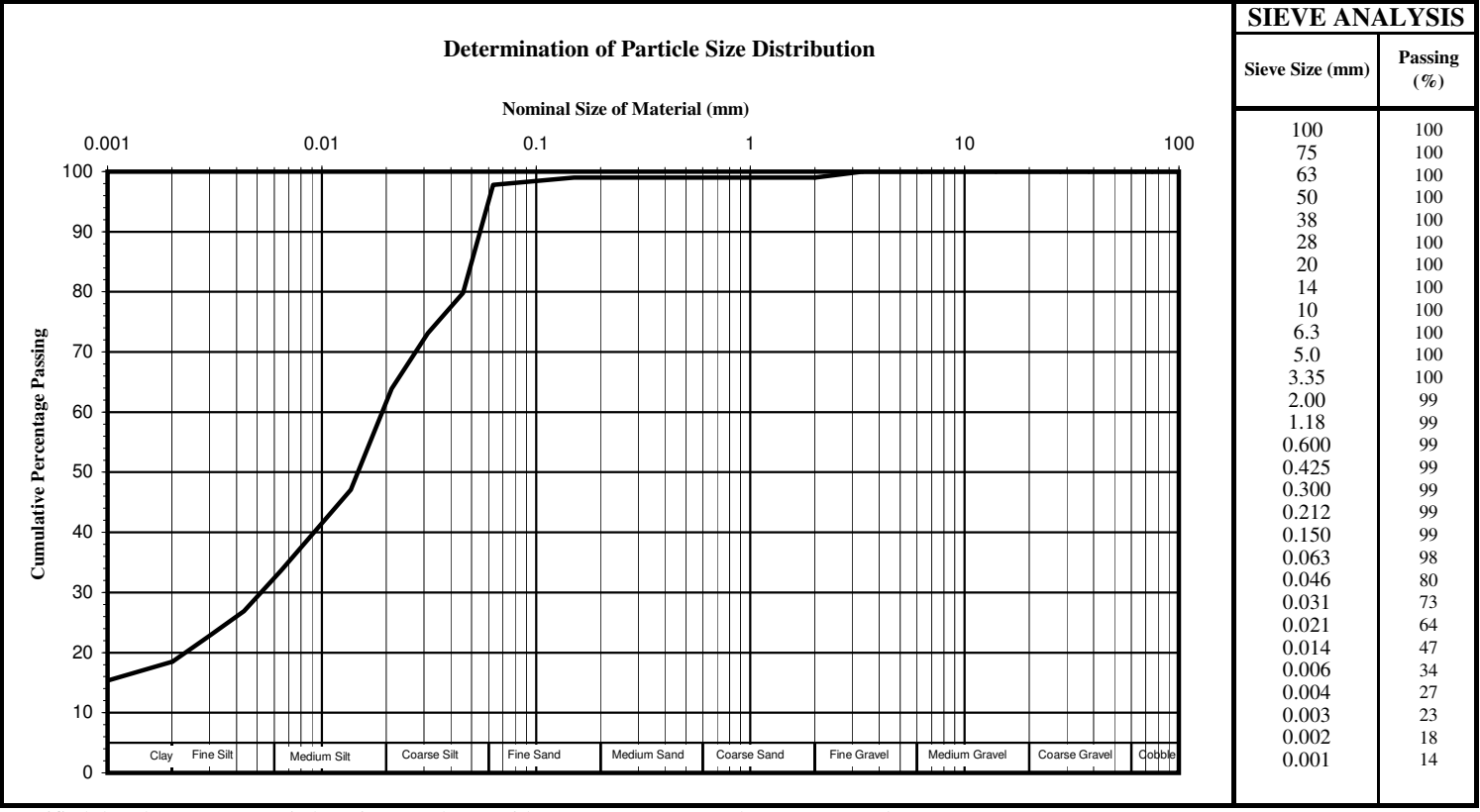
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Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/07
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251087
Postcode:	M15 4GB	Client Reference:	17
Contact:	Michael Carter	Location:	BH8
Site:	2898	Depth (m):	12.00-12.50
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown clayey sandy SILT	Date Received:	17.07.15
Moisture Content (%):	27	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	8.1



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15

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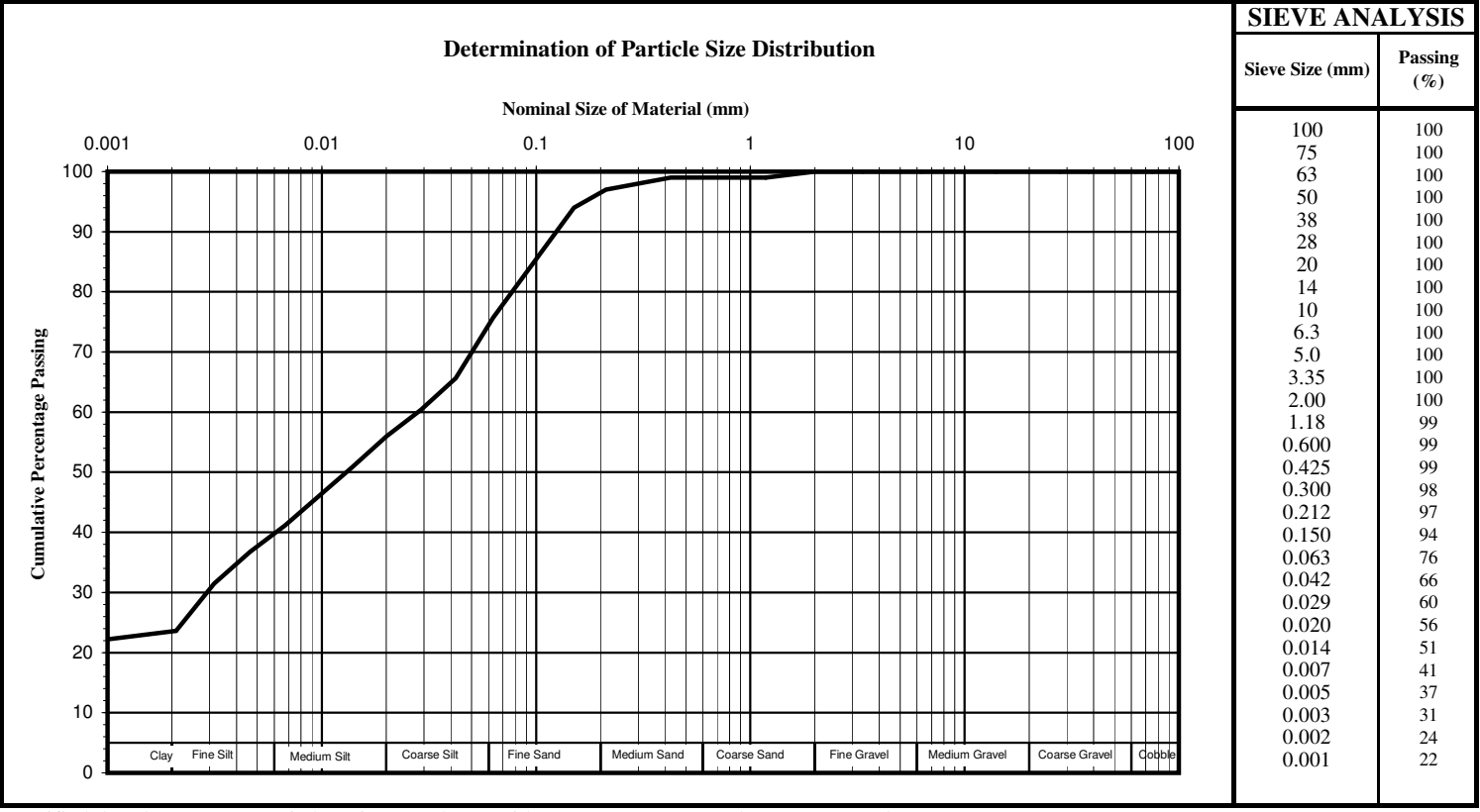
[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager



0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/08
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054834
		Lab Ref:	45251089
Postcode:	M15 4GB	Client Reference:	19
Contact:	Michael Carter	Location:	BH5A
Site:	2898	Depth (m):	12.00-12.50
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown clayey sandy SILT	Date Received:	17.07.15
Moisture Content (%):	27	Date Tested:	27.07.15 to 30.07.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	6.6



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15
Signed [Signature] [✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

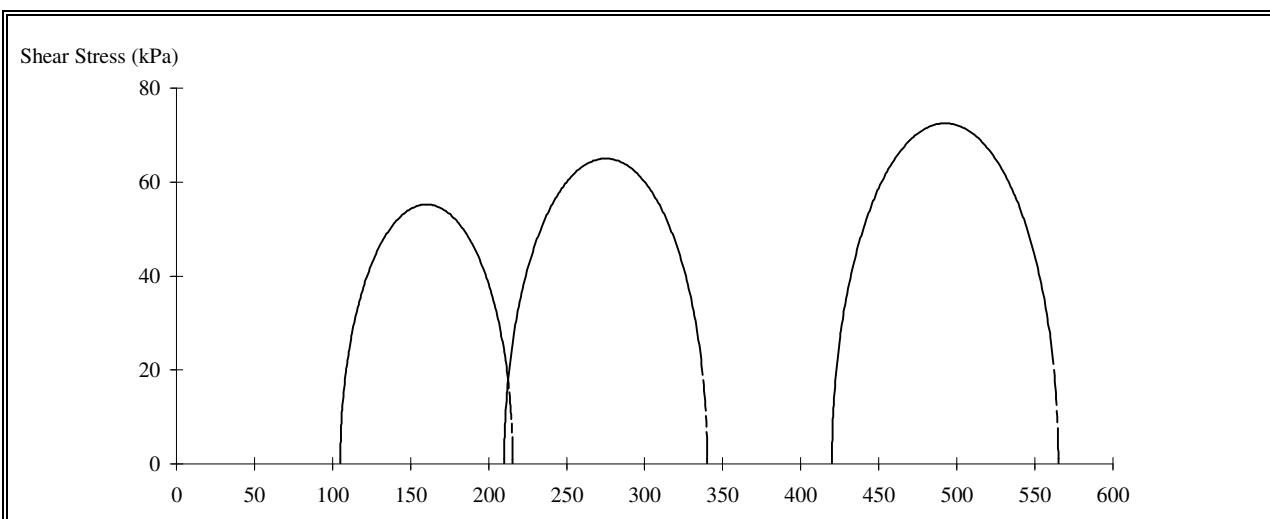
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/09
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH1	Lab Ref:	45251071
Depth (m):	10.50-11.00	Client Ref:	Not Advised
Description:	Brown sandy CLAY	Date Tested:	28.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	103
	Bulk Density (Mg/m ³)	2.13
	Moisture Content (%)	17
	Dry Density (Mg/m ³)	1.83
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	28.3 mm from base

Test Conditions:	Cell Pressure (kPa)	105	210	420
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	1.026	1.295	1.584
	Strain at Failure (mm)	13.20	18.80	24.80
	Max Deviator Stress (kPa)	109.9	129.2	144.0
	Membrane Correction (kPa)	0.59	0.79	0.99
	Strain (%)	6.3	9.0	11.8
	Shear Strength (kPa)	54.9	64.6	72.0

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:



[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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0001

TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

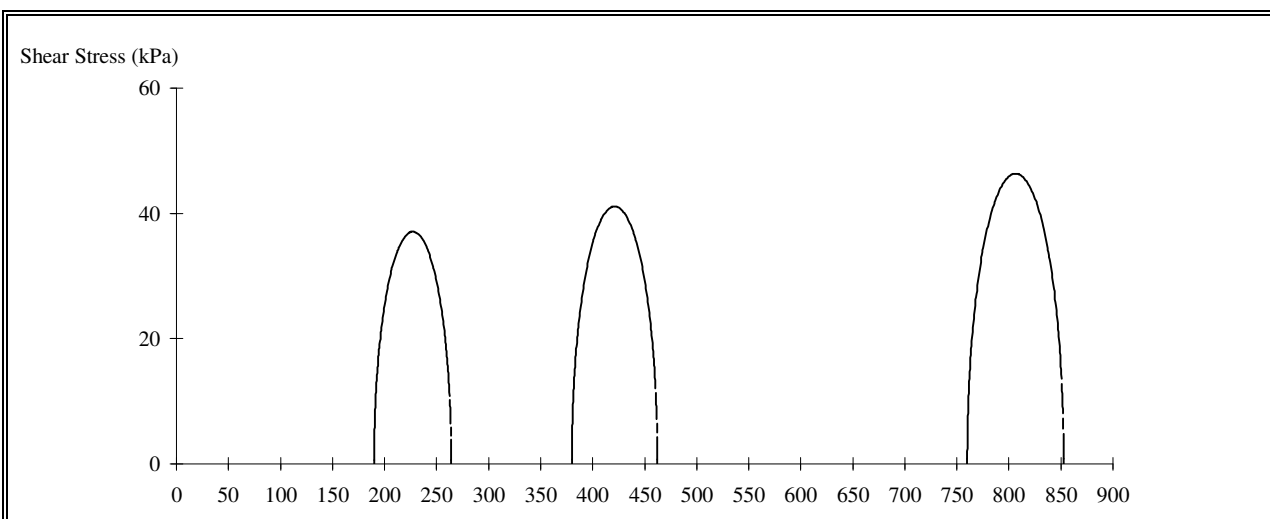
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/10
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH2	Lab Ref:	45251073
Depth (m):	9.50-10.00	Client Ref:	Not Advised
Description:	Brown clayey silty SAND	Date Tested:	28.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.5
	Initial Diameter (mm)	103.3
	Bulk Density (Mg/m ³)	2.16
	Moisture Content (%)	18
	Dry Density (Mg/m ³)	1.83
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	33.2 mm from base

Test Conditions:	Cell Pressure (kPa)	190	380	760
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.747	0.926	1.242
	Strain at Failure (mm)	10.40	13.60	19.00
	Max Deviator Stress (kPa)	73.7	81.6	91.9
	Membrane Correction (kPa)	0.48	0.60	0.80
	Strain (%)	5.0	6.5	9.1
	Shear Strength (kPa)	36.8	40.8	45.9

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

For and on behalf of Environmental Scientifics Group

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

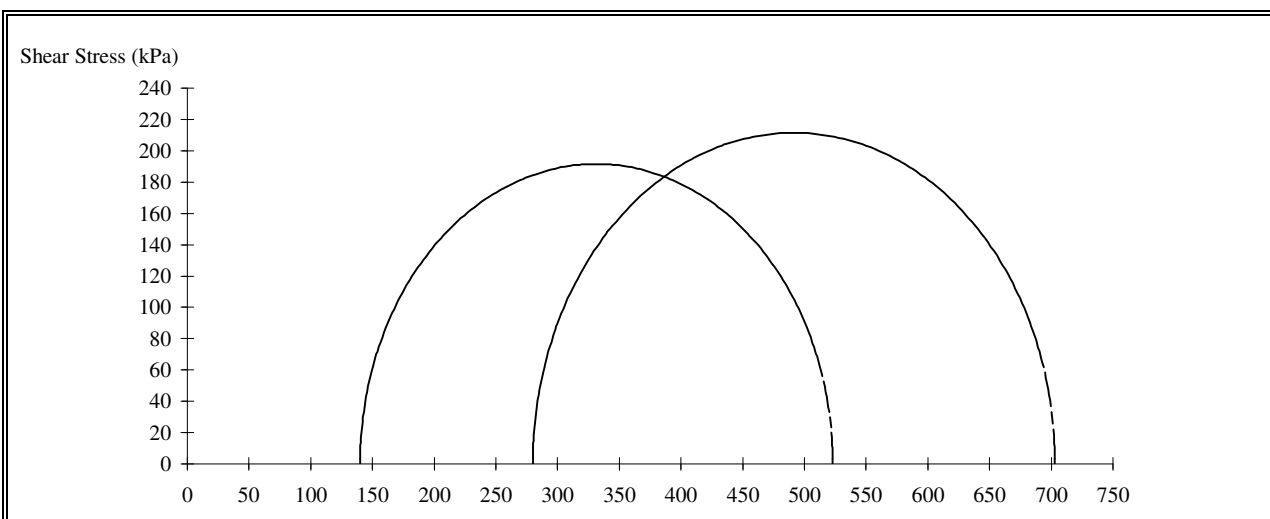
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/11
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH2	Lab Ref:	45251074
Depth (m):	14.00-14.50	Client Ref:	Not Advised
Description:	Brown sandy CLAY	Date Tested:	28.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.5
	Initial Diameter (mm)	104
	Bulk Density (Mg/m ³)	2.20
	Moisture Content (%)	16
	Dry Density (Mg/m ³)	1.89
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	50.2 mm from base

Test Conditions:	Cell Pressure (kPa)	140	280
	Rate of Strain (%/min.)	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40	

Failure Conditions:	Load at Failure (kN)	3.925	4.637
	Strain at Failure (mm)	32.80	41.80
	Max Deviator Stress (kPa)	381.7	421.6
	Membrane Correction (kPa)	1.21	1.43
	Strain (%)	15.7	20.0
	Shear Strength (kPa)	190.9	210.8

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:



[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

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0001

TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

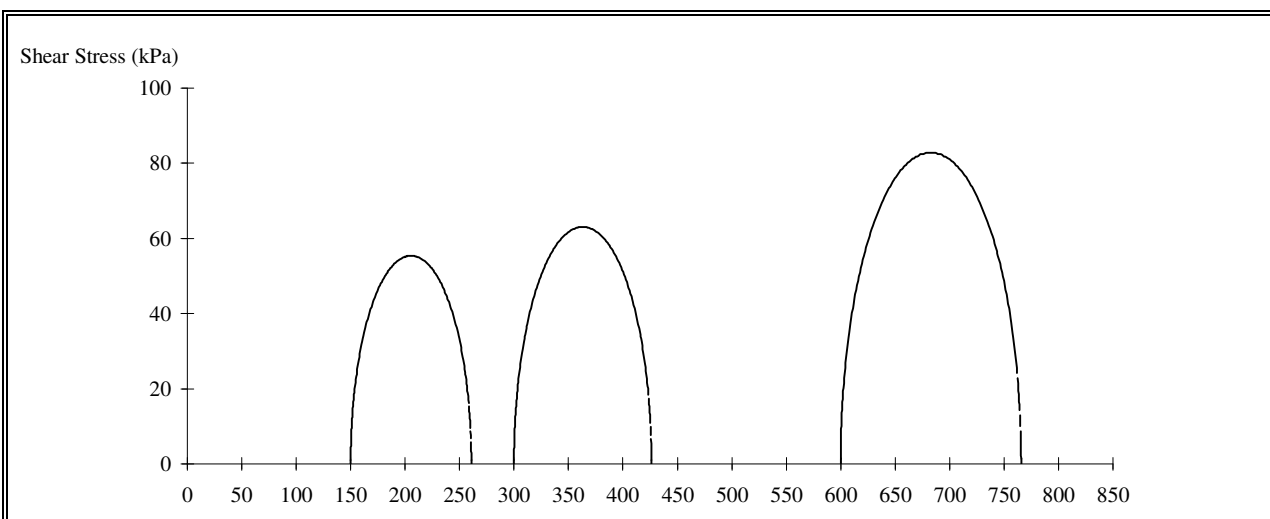
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/12
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH3G	Lab Ref:	45251076
Depth (m):	15.00-15.50	Client Ref:	Not Advised
Description:	Brown sandy CLAY with occasional gravel	Date Tested:	28.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	103.1
	Bulk Density (Mg/m ³)	2.24
	Moisture Content (%)	14
	Dry Density (Mg/m ³)	1.97
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	39 mm from base

Test Conditions:	Cell Pressure (kPa)	150	300	600
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	1.058	1.295	1.933
	Strain at Failure (mm)	12.40	16.00	31.60
	Max Deviator Stress (kPa)	110.2	125.5	164.5
	Membrane Correction (kPa)	0.56	0.69	1.19
	Strain (%)	5.9	7.6	15.0
	Shear Strength (kPa)	55.1	62.7	82.2

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

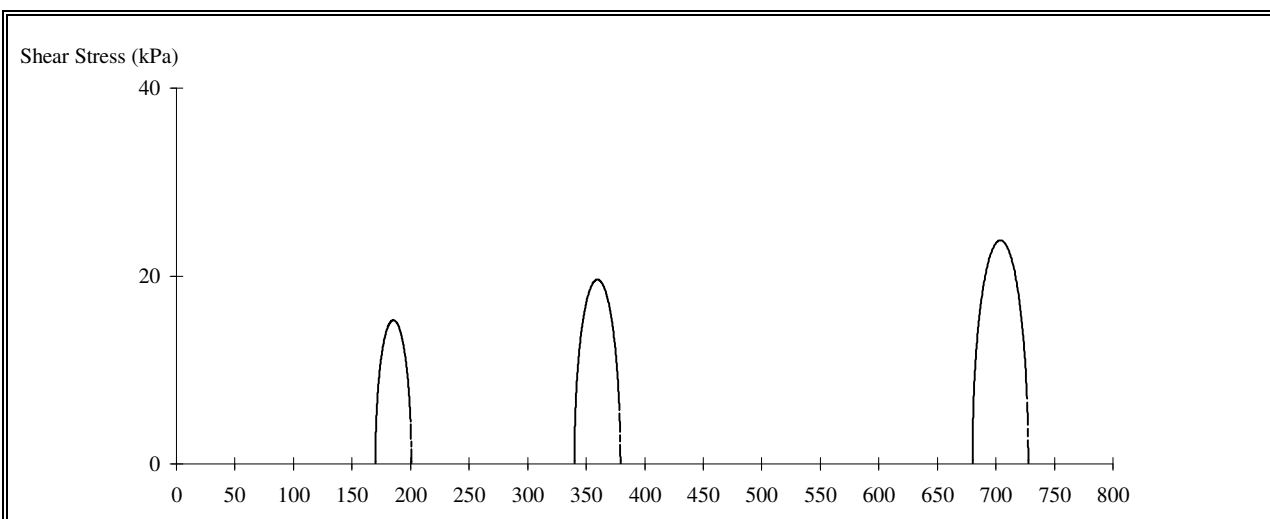
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/13
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH4	Lab Ref:	45251077
Depth (m):	8.50-9.00	Client Ref:	Not Advised
Description:	Brown CLAY	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210.6
	Initial Diameter (mm)	102.4
	Bulk Density (Mg/m ³)	2.05
	Moisture Content (%)	24
	Dry Density (Mg/m ³)	1.65
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	26.31 mm from base

Test Conditions:	Cell Pressure (kPa)	170	340	680
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.346	0.506	0.756
	Strain at Failure (mm)	3.20	5.00	7.20
	Max Deviator Stress (kPa)	30.4	39.0	47.3
	Membrane Correction (kPa)	0.18	0.26	0.35
	Strain (%)	1.5	2.4	3.4
	Shear Strength (kPa)	15.2	19.5	23.6

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

[Redacted Signature]

[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

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TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

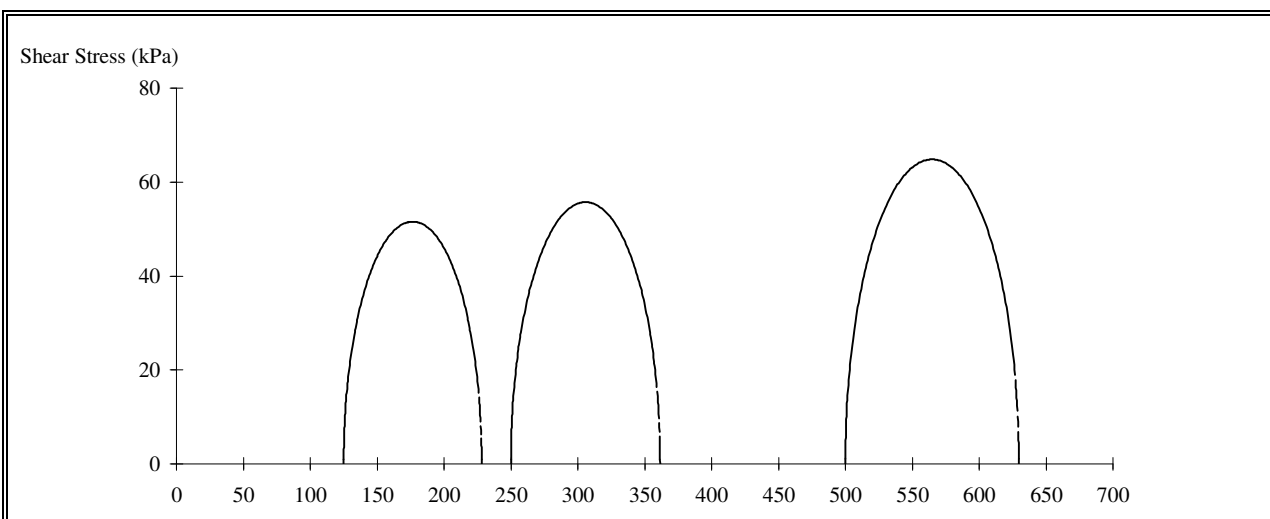
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Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH4	Lab Ref:	45251078
Depth (m):	12.50-13.00	Client Ref:	Not Advised
Description:	Brown CLAY with occasional gravel	Date Tested:	28.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.5
	Initial Diameter (mm)	103
	Bulk Density (Mg/m ³)	2.07
	Moisture Content (%)	19
	Dry Density (Mg/m ³)	1.73
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	35.3 mm from base

Test Conditions:	Cell Pressure (kPa)	125	250	500
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.976	1.135	1.473
	Strain at Failure (mm)	13.80	17.20	25.20
	Max Deviator Stress (kPa)	102.5	110.7	128.6
	Membrane Correction (kPa)	0.61	0.74	1.01
	Strain (%)	6.6	8.2	12.0
	Shear Strength (kPa)	51.3	55.4	64.3

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

[Redacted Signature]

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

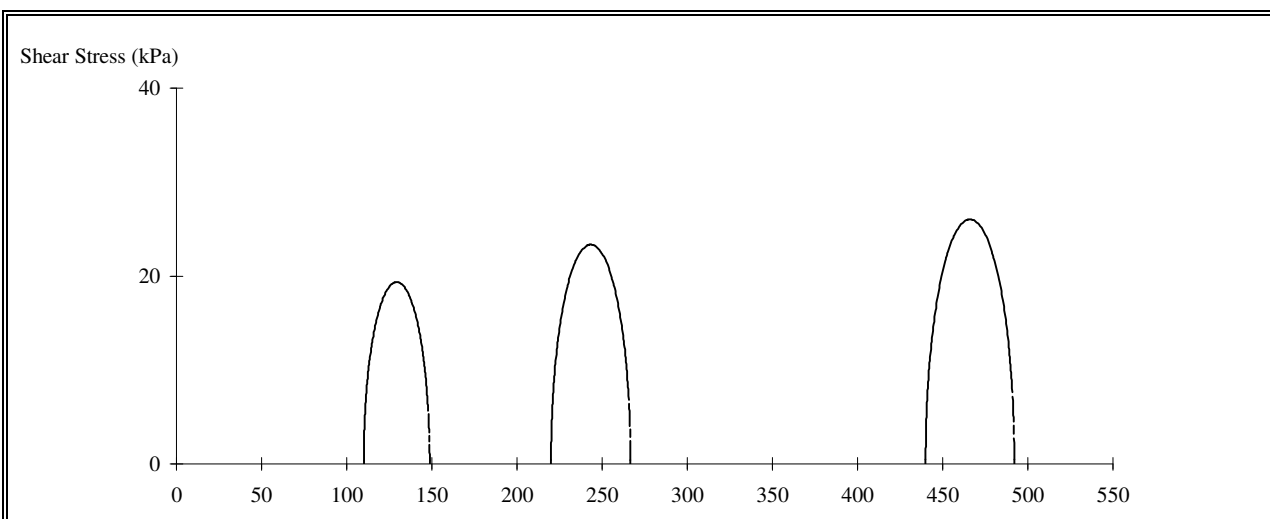
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/15
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH5A	Lab Ref:	45251080
Depth (m):	11.00-11.45	Client Ref:	Not Advised
Description:	Brown silty sandy CLAY	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	103.8
	Bulk Density (Mg/m ³)	2.02
	Moisture Content (%)	24
	Dry Density (Mg/m ³)	1.64
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	36.3 mm from base

Test Conditions:	Cell Pressure (kPa)	110	220	440
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.386	0.519	0.685
	Strain at Failure (mm)	4.00	7.60	10.20
	Max Deviator Stress (kPa)	38.5	46.3	51.6
	Membrane Correction (kPa)	0.21	0.36	0.47
	Strain (%)	1.9	3.6	4.9
	Shear Strength (kPa)	19.3	23.2	25.8

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:



[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

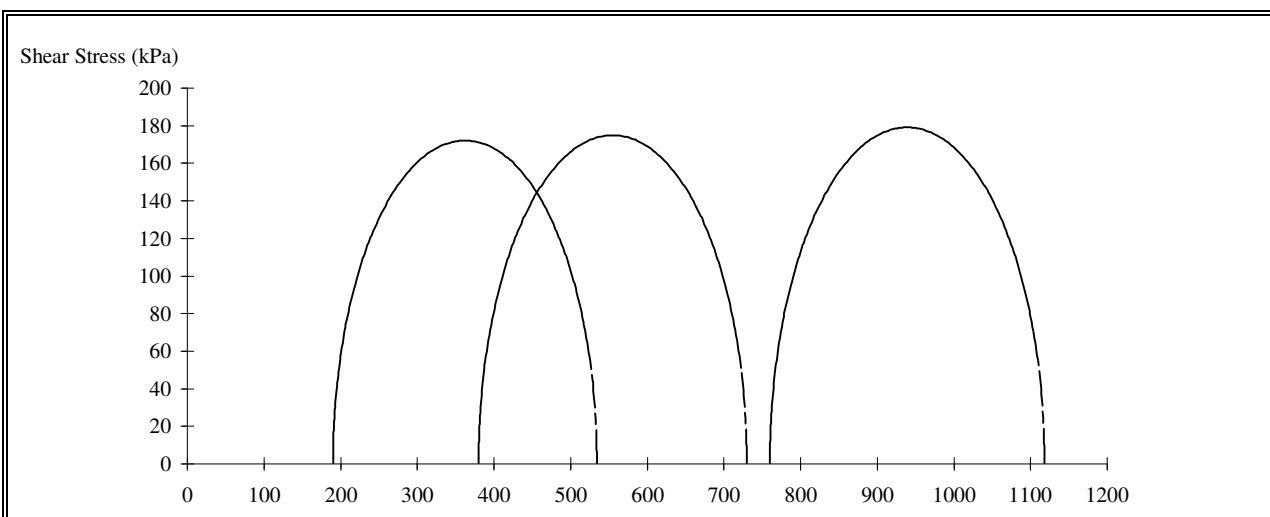
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/16
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH5A	Lab Ref:	45251081
Depth (m):	19.00-19.45	Client Ref:	Not Advised
Description:	Brown CLAY/SILT/SAND	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	103
	Bulk Density (Mg/m ³)	2.22
	Moisture Content (%)	16
	Dry Density (Mg/m ³)	1.92
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	33 mm from base

Test Conditions:	Cell Pressure (kPa)	190	380	760
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	3.426	3.616	4.016
	Strain at Failure (mm)	29.00	31.00	37.40
	Max Deviator Stress (kPa)	343.1	348.7	356.8
	Membrane Correction (kPa)	1.12	1.18	1.34
	Strain (%)	13.8	14.8	17.8
	Shear Strength (kPa)	171.6	174.3	178.4

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

For and on behalf of Environmental Scientifics Group

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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0001

TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

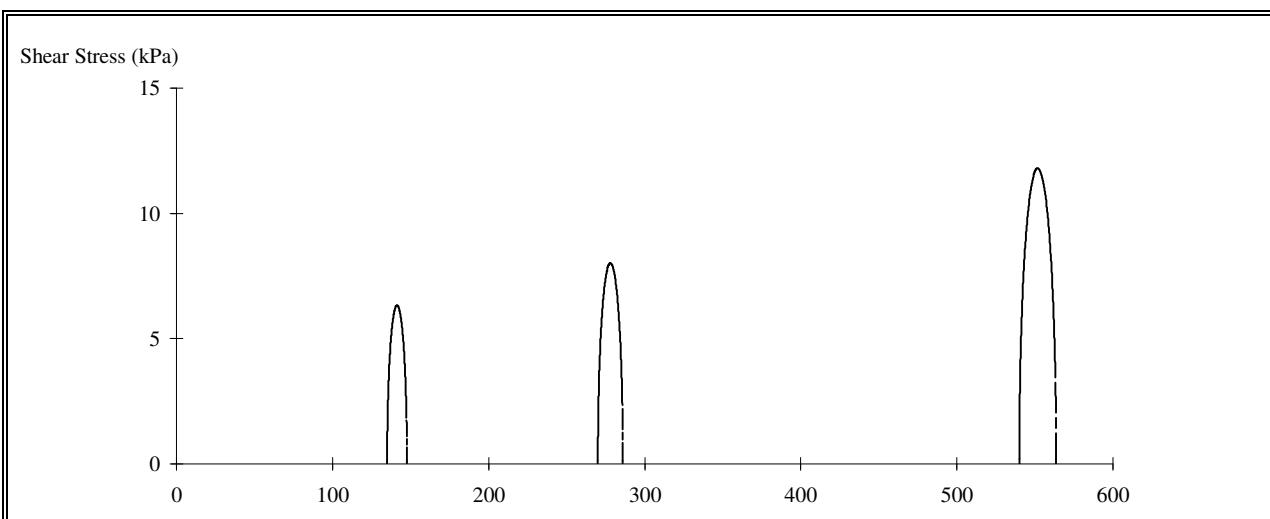
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/17
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH6	Lab Ref:	45251082
Depth (m):	13.50-13.95	Client Ref:	Not Advised
Description:	Brown CLAY	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	105
	Bulk Density (Mg/m ³)	1.88
	Moisture Content (%)	25
	Dry Density (Mg/m ³)	1.50
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	33.7 mm from base

Test Conditions:	Cell Pressure (kPa)	135	270	540
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.176	0.273	0.477
	Strain at Failure (mm)	0.60	1.80	4.60
	Max Deviator Stress (kPa)	12.6	15.9	23.4
	Membrane Correction (kPa)	0.06	0.12	0.24
	Strain (%)	0.3	0.9	2.2
	Shear Strength (kPa)	6.3	8.0	11.7

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:

[Redacted Signature]

[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

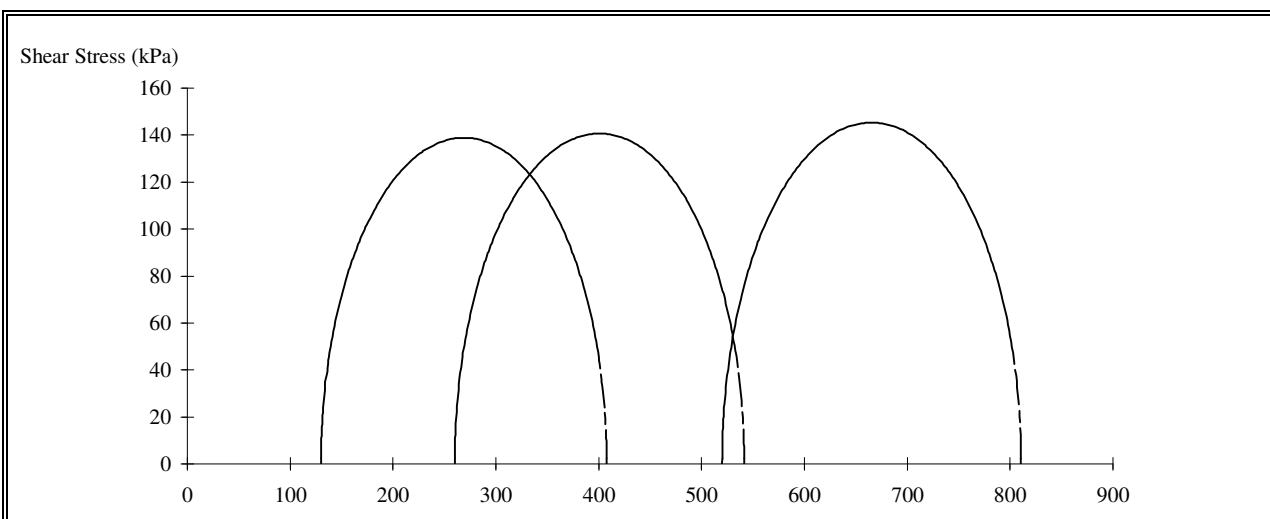
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/18
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH7	Lab Ref:	45251084
Depth (m):	6.50-7.00	Client Ref:	Not Advised
Description:	Brown CLAY with occasional gravel	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.7
	Initial Diameter (mm)	102.6
	Bulk Density (Mg/m ³)	2.14
	Moisture Content (%)	21
	Dry Density (Mg/m ³)	1.77
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	31.5 mm from base

Test Conditions:	Cell Pressure (kPa)	130	260	520
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	2.687	2.856	3.194
	Strain at Failure (mm)	26.20	30.80	38.00
	Max Deviator Stress (kPa)	276.7	280.2	289.3
	Membrane Correction (kPa)	1.04	1.18	1.36
	Strain (%)	12.5	14.7	18.1
	Shear Strength (kPa)	138.3	140.1	144.7

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

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Determination of Undrained Shear Strength in Triaxial Compression

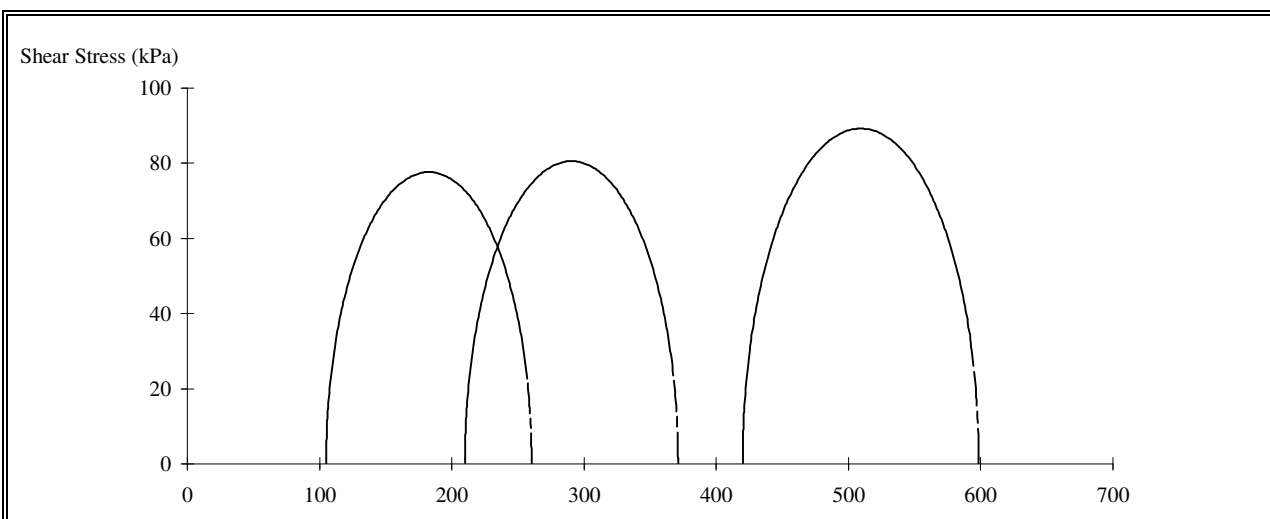
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/19
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH7	Lab Ref:	45251085
Depth (m):	10.50-11.00	Client Ref:	Not Advised
Description:	Brown CLAY with silt	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.7
	Initial Diameter (mm)	102.7
	Bulk Density (Mg/m ³)	2.14
	Moisture Content (%)	20
	Dry Density (Mg/m ³)	1.78
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	27.3 mm from base

Test Conditions:	Cell Pressure (kPa)	105	210	420
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	1.456	1.595	1.951
	Strain at Failure (mm)	17.80	21.00	30.40
	Max Deviator Stress (kPa)	154.6	160.2	177.3
	Membrane Correction (kPa)	0.76	0.87	1.16
	Strain (%)	8.5	10.0	14.5
	Shear Strength (kPa)	77.3	80.1	88.6

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:



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[] D. Berrill - Laboratory Manager

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Determination of Undrained Shear Strength in Triaxial Compression

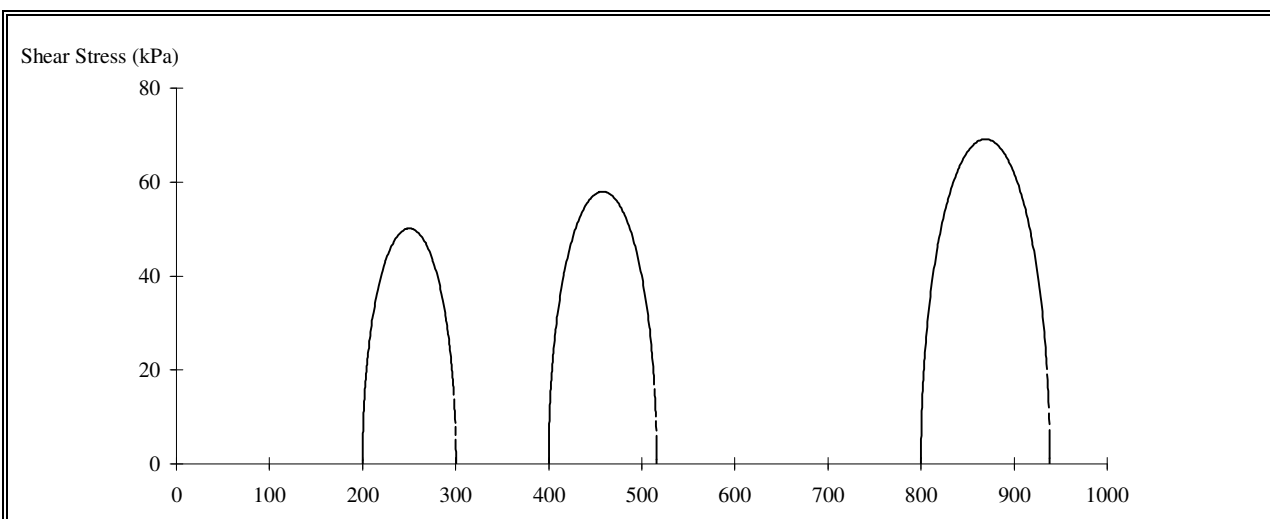
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/20
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH8	Lab Ref:	45251086
Depth (m):	10.00-10.45	Client Ref:	Not Advised
Description:	Brown sandy CLAY with occasional gravel	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	210
	Initial Diameter (mm)	103
	Bulk Density (Mg/m ³)	2.07
	Moisture Content (%)	22
	Dry Density (Mg/m ³)	1.69
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	24.7 mm from base

Test Conditions:	Cell Pressure (kPa)	200	400	800
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.985	1.245	1.695
	Strain at Failure (mm)	10.60	14.00	21.40
	Max Deviator Stress (kPa)	99.8	115.3	137.4
	Membrane Correction (kPa)	0.49	0.62	0.88
	Strain (%)	5.0	6.7	10.2
	Shear Strength (kPa)	49.9	57.7	68.7

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

Signed:



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0001

TEST REPORT

Determination of Undrained Shear Strength in Triaxial Compression

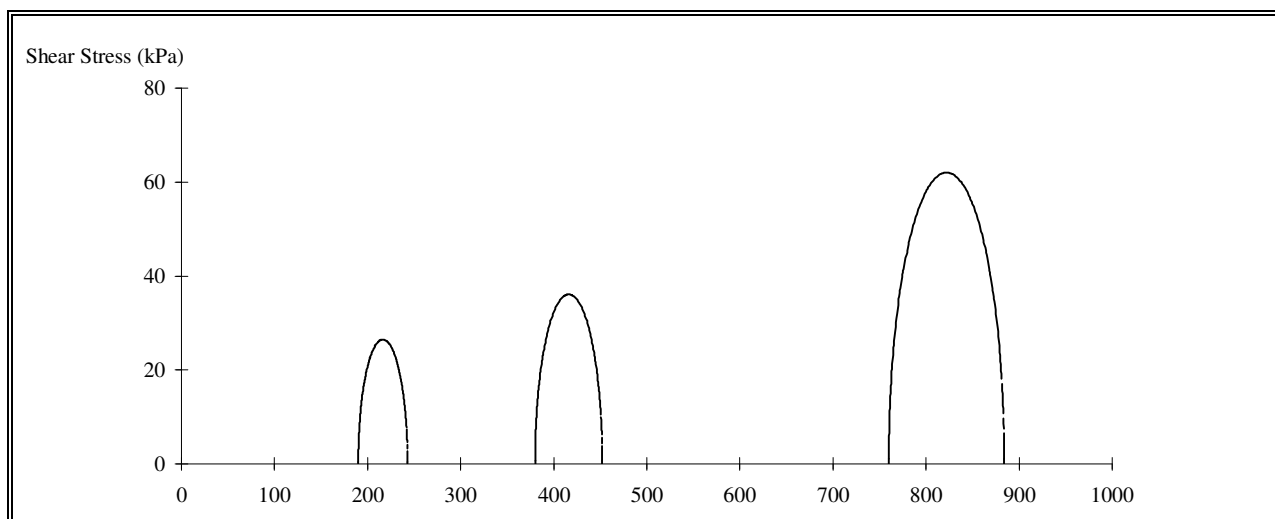
Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/21
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100
Location:	BH10	Lab Ref:	45251088
Depth (m):	9.50-10.00	Client Ref:	Not Advised
Description:	Brown CLAY with silt	Date Tested:	29.07.15

Sample Details:	Sample Preparation:	Undisturbed
	Initial Height (mm)	209.6
	Initial Diameter (mm)	102.7
	Bulk Density (Mg/m ³)	2.14
	Moisture Content (%)	19
	Dry Density (Mg/m ³)	1.80
	Orientation:	Maintaining sample direction.
	Depth of test specimen within original sample:	35.2 mm from base

Test Conditions:	Cell Pressure (kPa)	190	380	760
	Rate of Strain (%/min.)	1.19	1.19	1.19
	Membrane: Latex Rubber Thickness	0.40		

Failure Conditions:	Load at Failure (kN)	0.545	0.825	1.578
	Strain at Failure (mm)	7.20	12.20	29.40
	Max Deviator Stress (kPa)	52.6	71.6	122.9
	Membrane Correction (kPa)	0.35	0.55	1.13
	Strain (%)	3.4	5.8	14.0
	Shear Strength (kPa)	26.3	35.8	61.4

Failure Diagram: Mode of Failure: Barrel



Certified that the test was carried out in accordance with BS 1377-7 :1990, Clause 9. Multistage Loading

Page 1 of 1
Date: 04.08.15

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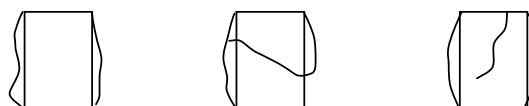
0001

Determination of Undrained Shear Strength in Triaxial Compression

Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/22
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Date Tested:	28.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100

Sample Details:	Laboratory Reference:	45251072	45251075	45251079
	Client Ref:	2	5	9
	Location:	BH1	BH3G	BH4
	Depth (m):	17.50-18.00	13.00-13.50	16.50-17.00
	Initial Height (mm)	209.9	210.3	209.8
	Initial Diameter (mm)	103	104	103
	Bulk Density (Mg/m ³)	2.22	1.97	2.20
	Moisture Content (%)	16	21	15
	Dry Density (Mg/m ³)	1.91	1.63	1.91
Test Conditions:	Cell Pressure (kPa)	350	260	330
	Rate of Strain (%/min.)	1.19	1.19	1.19
Failure Conditions:	Load at Failure (kN)	4.467	0.573	4.948
	Strain at Failure (mm)	40.60	16.40	40.00
	Max Deviator Stress (kPa)	414	47	465
	Membrane Correction (kPa)	1.42	0.70	1.41
	Strain (%)	19.3	7.8	19.1
	Shear Strength (kPa)	207	24	233

Failure Diagram:



Mode of Failure:	Barrel	Shear/Barrel	Shear/Barrel
Depth of test specimen from base within original sample (mm)	38	53	29
Membrane Latex Rubber Thickness (mm)	0.40	0.40	0.40

Sample Description:

45251072	Brown CLAY with occasional gravel
45251075	Brown sandy CLAY
45251079	Brown CLAY with occasional gravel

Comments: Sample Preparation: Undisturbed
Orientation: Maintaining sample direction.

Certified that the test was carried out in accordance with BS 1377-7 :1990, Method 8

Certified that the Moisture Content was determined in accordance with BS 1377-2:1990, Method 3.2

Page 1 of 1
Date: 04.08.15

Signed:



[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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0001

Determination of Undrained Shear Strength in Triaxial Compression

Client:	Integra Consulting (Engineers) Ltd Suite 3 14-32 Hewitt Street Manchester M15 4GB	Report No:	51015925/15/23
Contact:	Michael Carter	Batch Number:	DAM0054834
Site:	2898	Date Sampled:	24.06-16.07.15
		Date Received:	17.07.15
		Date Tested:	28.07.15
		Sampled By:	Client
		Sampling Certificate:	Not Received
		Sample Type:	U100

Sample Details:	Laboratory Reference:	45251083	45251087
	Client Ref:	13	17
	Location:	BH6	BH8
	Depth (m):	17.50-18.00	12.00-12.50
	Initial Height (mm)	210	210
	Initial Diameter (mm)	103	105
	Bulk Density (Mg/m ³)	2.17	1.82
	Moisture Content (%)	24	29
	Dry Density (Mg/m ³)	1.75	1.41
Test Conditions:	Cell Pressure (kPa)	350	240
	Rate of Strain (%/min.)	1.19	1.19
Failure Conditions:	Load at Failure (kN)	2.871	0.503
	Strain at Failure (mm)	40.00	15.80
	Max Deviator Stress (kPa)	260	39
	Membrane Correction (kPa)	1.40	0.67
	Strain (%)	19.0	7.5
	Shear Strength (kPa)	130	20

Failure Diagram:



Mode of Failure:	Barrel	Barrel
Depth of test specimen from base within original sample (mm)	36.6	36
Membrane Latex Rubber Thickness (mm)	0.40	0.40

Sample Description:

45251083	Brown sandy CLAY/SILT
45251087	Brown clayey sandy SILT

Comments: Sample Preparation: Undisturbed
Orientation: Maintaining sample direction.

Certified that the test was carried out in accordance with BS 1377-7 :1990, Method 8

Certified that the Moisture Content was determined in accordance with BS 1377-2:1990, Method 3.2

Page 1 of 1
Date: 04.08.15

Signed:



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[] D. Berrill - Laboratory Manager

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0001

Determination of Moisture Content and Atterberg Limits

Client: Integra Consulting (Engineers) Ltd
Client Address: Suite 3
14-32 Hewitt Street
Manchester
Postcode: M15 4GB
Contact: Michael Carter
Site: 2898

Report No: 51015925/15/24
Batch Number: DAM0054835

Sampled by: Client
Date Sampled: 24.06-16.07.15
Date Received: 20.07.15
Tested From: 30.07.15 to 03.08.15
Sample Type: Disturbed/Bulk/UT

Test Results:

Laboratory Reference	Location	Depth (m)	Description	Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm (Estimated)
45251090	WS2	0.30-1.00	Brown sandy CLAY	19	38	23	15	100
45251091	WS5	0.30-0.80	Brown sandy CLAY with Crushed Brick, Asphalt and Gravel	17	37	25	12	**40
45251094	BH1	1.50-2.00	Black/Brown slightly silty SAND with Crushed Brick and Gravel	12	41	26	15	**32*
45251096	BH2	1.30	Black/Brown clayey SAND with Crushed Brick and Gravel	N/A	47	32	15	25*
45251098	BH3G	1.50-2.00	Black/Brown clayey SAND with Crushed Brick and Gravel	N/A	55	36	19	25*
45251099	BH4	0.30	Black/Brown clayey SAND with Crushed Brick and Gravel	N/A	46	30	16	37*
45251103	BH6	1.50	Black/Brown clayey SAND with Crushed Brick and Gravel	N/A	52	32	20	24*

Sample Preparation: As Received

* Washed over 425µm BS Test Sieve

** Actual % passing 425µm BS Test Sieve from separate grading analysis

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

Signed

[Redacted Signature]

For and on behalf of Environmental Scientifics Group

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[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

ESG
2 Newton Close
Drayton Fields Industrial Estate
Daventry
Northants NN11 8RR
Telephone: +44 (0) 1327 703828
Facsimile: +44 (0) 1327 300154



0001

TEST REPORT

Determination of Moisture Condition Value

Client: Integra Consulting (Engineers) Ltd

Client Address: Suite 3
14-32 Hewitt Street
Manchester

Client Postcode: M15 4GB

Contact: Michael Carter

Site: 2898

Report No: 51015925/15/25

Batch Number: DAM0054835

Sampled by: Client

Date Sampled: 24.06-16.07.15

Date Received: 20.07.15

Date Tested: 29.07.15

Type of Sample: Bulk/UT

Test Results:

Laboratory Reference	Location	Depth (m)	Description	% Retained on 20mm BS test sieve	Moisture Content (%)	Moisture Condition Value
45251091	WS5	0.30-0.80	Brown sandy CLAY with Crushed Brick, Asphalt and Gravel	17	17	12.4
45251093	WS19	0.30-1.00	Brown sandy SILT with Crushed Brick and Gravel	16	14	13.0
45251095	BH2	0.50-1.00	Brown sandy CLAY with Crushed Brick and Gravel	5	13	11.2
45251100	BH4	0.50-1.00	Brown slightly clayey silty SAND with Crushed Brick and Gravel	12	16.5	8.8

Certified that the moisture content was carried out in accordance with BS 1377-2: 1990: Method 3.2
Certified that the laboratory testing was carried out in accordance with BS 1377-4: 1990: Method 5.4
Interpretation by steepest Line

Page: 1 of 1
Date: 04.08.15

Signed

[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

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0001

CONSOLIDATION TEST REPORT

B.S. 1377-5:1990

Client: Integra Consulting (Engineers) Ltd

Address: Suite 3 14-32 Hewitt Street Manchester M15 4GB

Site: 2898

Location: WS2 @ 0.30-1.00

Visual Description: Brown sandy CLAY

Initial Moisture Content 18.1 %

Initial Bulk Density 2.02 Mg/m³

Initial Dry Density 1.71 Mg/m³

Assumed Particle Density 2.65 Mg/m³

Specimen Height 18.86 mm

Orientation of specimen: Test specimen taken in same direction as sampling.

Report No. 51015925/15/26

Lab. Ref. 45251090

Reported: 04.08.15

Received: 20.07.15

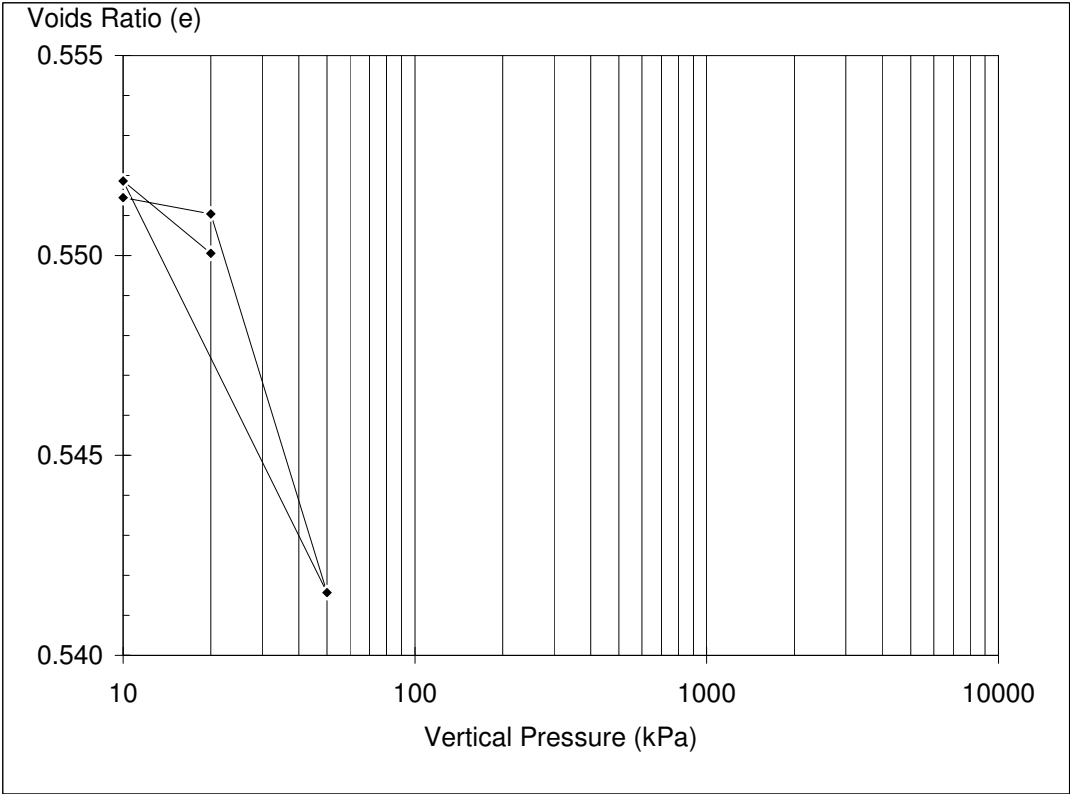
Test Date: 29.07.15 to 03.08.15

Lab. temperature 18.5 - 20.5 °C

Initial Voids Ratio 0.552

Degree of Saturation 86.7 %

Final Moisture Content 20.4 %



Increment No.	1	2	3	4	5
Pressure (kPa)	10	20	50	10	20
Settlement (mm)	0.011	0.016	0.131	0.006	0.028
Voids Ratio	0.551	0.551	0.542	0.552	0.550
Mv (m ² /MN)			0.20		0.12
Cv (m ² /year)			156.70		109.48
t90			0.25		0.36

The test was carried out in accordance with BS 1377- 5:1990, Clause 3
t90 value determined by root time curve-fitting method.

Signed

[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group



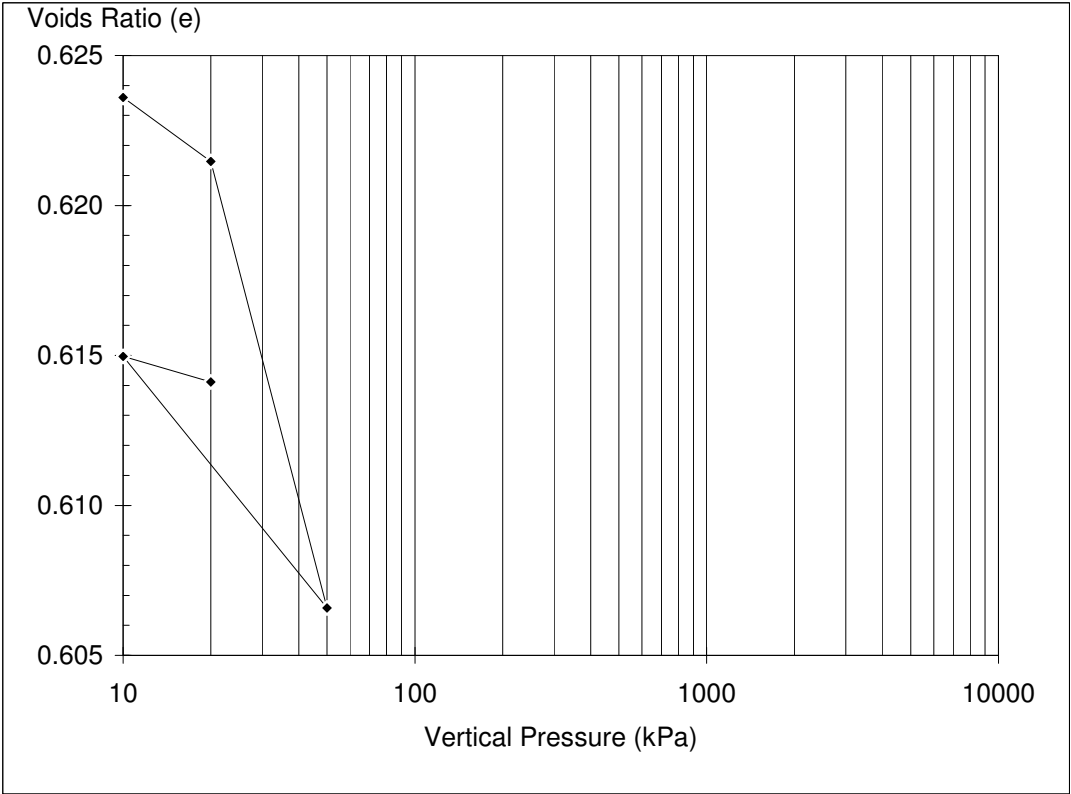
0001

CONSOLIDATION TEST REPORT

B.S. 1377-5:1990

Client: Integra Consulting (Engineers) Ltd
Address: Suite 3 14-32 Hewitt Street Manchester M15 4GB
Site: 2898
Location: WS17 @ 1.00-1.40
Visual Description: Grey clayey silty SAND
Initial Moisture Content 20.2 %
Initial Bulk Density 1.96 Mg/m³
Initial Dry Density 1.63 Mg/m³
Assumed Particle Density 2.65 Mg/m³
Specimen Height 19.02 mm
Orientation of specimen: Test specimen taken in same direction as sampling.

Report No. 51015925/15/27
Lab. Ref. 45251092
Reported: 04.08.15
Received: 20.07.15
Test Date: 29.07.15 to 03.08.15
Lab. temperature 18.5 - 20.5 °C
Initial Voids Ratio 0.626
Degree of Saturation 85.3 %
Final Moisture Content 22.1 %



Increment No.	1	2	3	4	5
Pressure (kPa)	10	20	50	10	20
Settlement (mm)	0.033	0.058	0.232	0.134	0.144
Voids Ratio	0.624	0.621	0.607	0.615	0.614
Mv (m ² /MN)			0.31		0.05
Cv (m ² /year)			39.55		158.28
t90			1.00		0.25

The test was carried out in accordance with BS 1377- 5:1990, Clause 3
t90 value determined by root time curve-fitting method.

Signed

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group



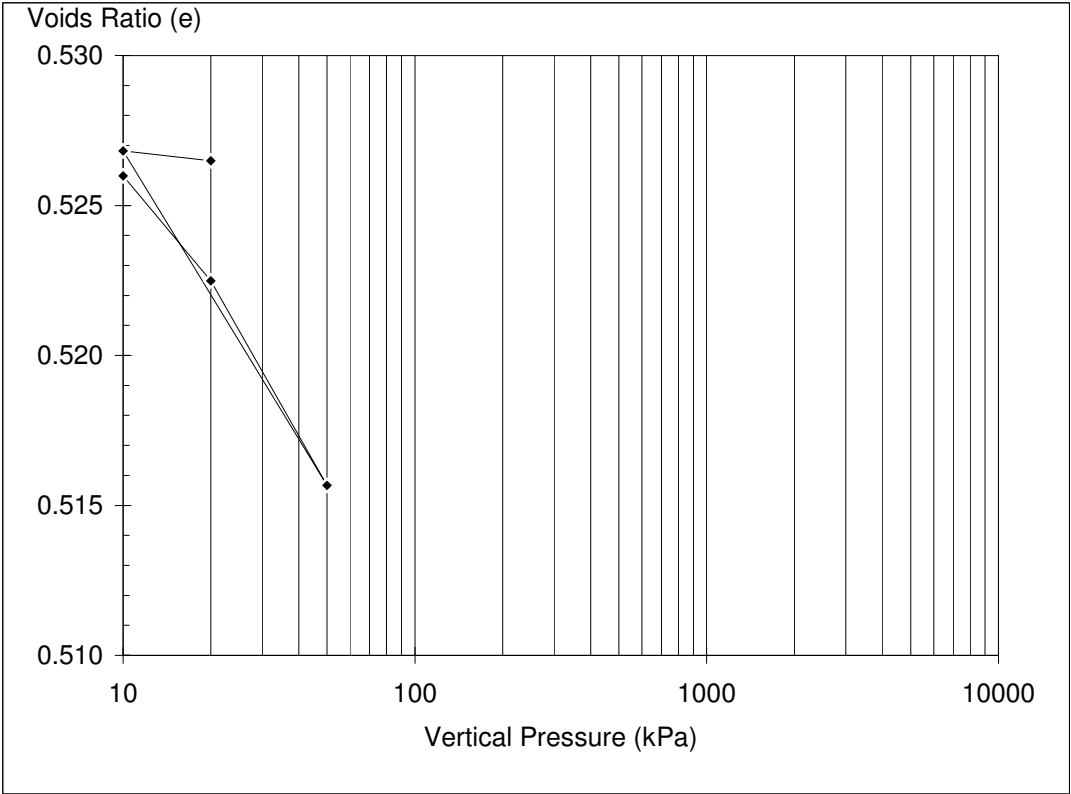
0001

CONSOLIDATION TEST REPORT

B.S. 1377-5:1990

Client: Integra Consulting (Engineers) Ltd
Address: Suite 3 14-32 Hewitt Street Manchester M15 4GB
Site: 2898
Location: WS19 @ 0.30-1.00
Visual Description: Brown sandy SILT with Crushed Brick and Gravel
Initial Moisture Content 16.7 %
Initial Bulk Density 1.96 Mg/m³
Initial Dry Density 1.68 Mg/m³
Assumed Particle Density 2.65 Mg/m³
Specimen Height 18.95 mm
Orientation of specimen: Test specimen taken in same direction as sampling.

Report No. 51015925/15/28
Lab. Ref. 45251093
Reported: 04.08.15
Received: 20.07.15
Test Date: 29.07.15 to 03.08.15
Lab. temperature 18.5 - 20.5 °C
Initial Voids Ratio 0.578
Degree of Saturation 76.8 %
Final Moisture Content 20.1 %



Increment No.	1	2	3	4	5
Pressure (kPa)	10	20	50	10	20
Settlement (mm)	0.620	0.662	0.744	0.610	0.614
Voids Ratio	0.526	0.522	0.516	0.527	0.526
Mv (m ² /MN)			0.15		0.02
Cv (m ² /year)			147.83		233.30
t90			0.25		0.16

The test was carried out in accordance with BS 1377- 5:1990, Clause 3
t90 value determined by root time curve-fitting method.

Signed

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group



0001

Determination of Particle Size Distribution

Client: Integra Consulting (Engineers) Ltd
Client Address: Suite 3
14-32 Hewitt Street
Manchester
Postcode: M15 4GB
Contact: Michael Carter
Site: 2898
Report No: 51015925/15/29
Batch Number: DAM0054835
Lab Ref: 45251091
Location: WS5
Depth (m): 0.30-0.80
Date Sampled: 24.06-16.07.15
Date Received: 20.07.15
Date Tested: 31.07.15
Sample Type: UT
Sample Mass (kg): 7.8
Sampled by: Client
Sampled from: Site
Supplier: Client
Source: Site

Description: Brown sandy silty Crushed Brick, Asphalt and Gravel

Specification: Not Required

Comments:

SIEVE ANALYSIS		
BS Sieve (mm)	Passing (%)	Material Specification
500	100	
300	100	
125	100	
100	100	
90	100	
75	100	
63	100	
50	92	
37.5	87	
28	84	
20	83	
14	76	
10	70	
6.3	63	
5	60	
3.35	56	
2	52	
1.18	48	
0.600	43	
0.425	40	
0.300	34	
0.212	28	
0.150	24	
0.063	16.8	



Certified that the Particle Size Distribution was determined in accordance with BS 1377 - 2 : 1990, Method 9.2. Washing & Dry Sieving
Method of Preparation: BS 1377 - 1 & 2 : 1990

Page: 1 of 1
Date: 04.08.15
Signed: [Signature] [✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager
For and on behalf of Environmental Scientifics Group

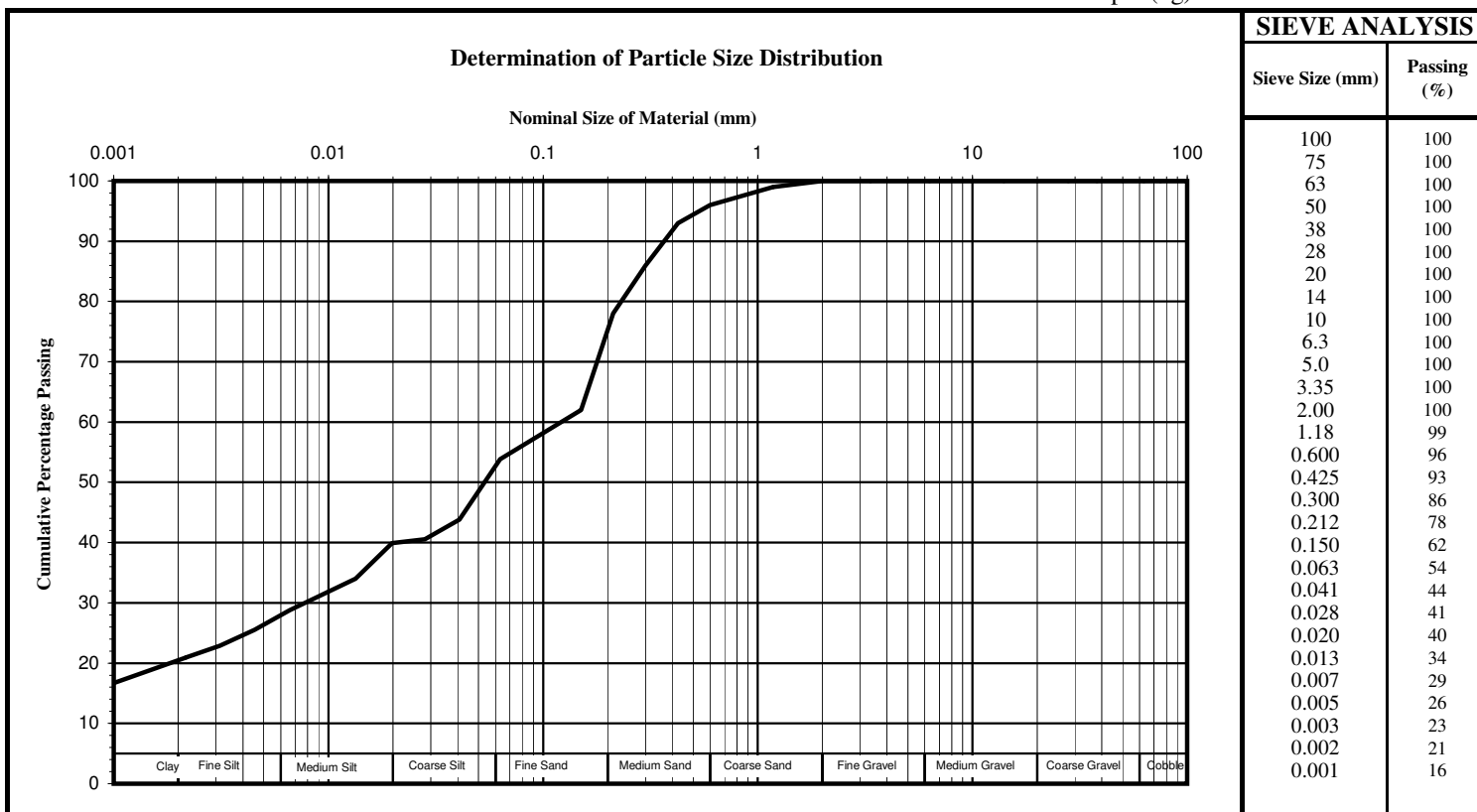


0001

TEST REPORT

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/30
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251092
Postcode:	M15 4GB	Client Reference:	3
Contact:	Michael Carter	Location:	WS17
Site:	2898	Depth (m):	1.00-1.40
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Grey clayey silty SAND	Date Received:	20.07.15
Moisture Content (%):	18	Date Tested:	30.07.15 to 01.08.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	UT
		Mass of Sample (kg):	9.2



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1

Date Reported: 04.08.15

Signed

For and on behalf of Environmental Scientifics Group

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[✓] M. Carr - Section Manager

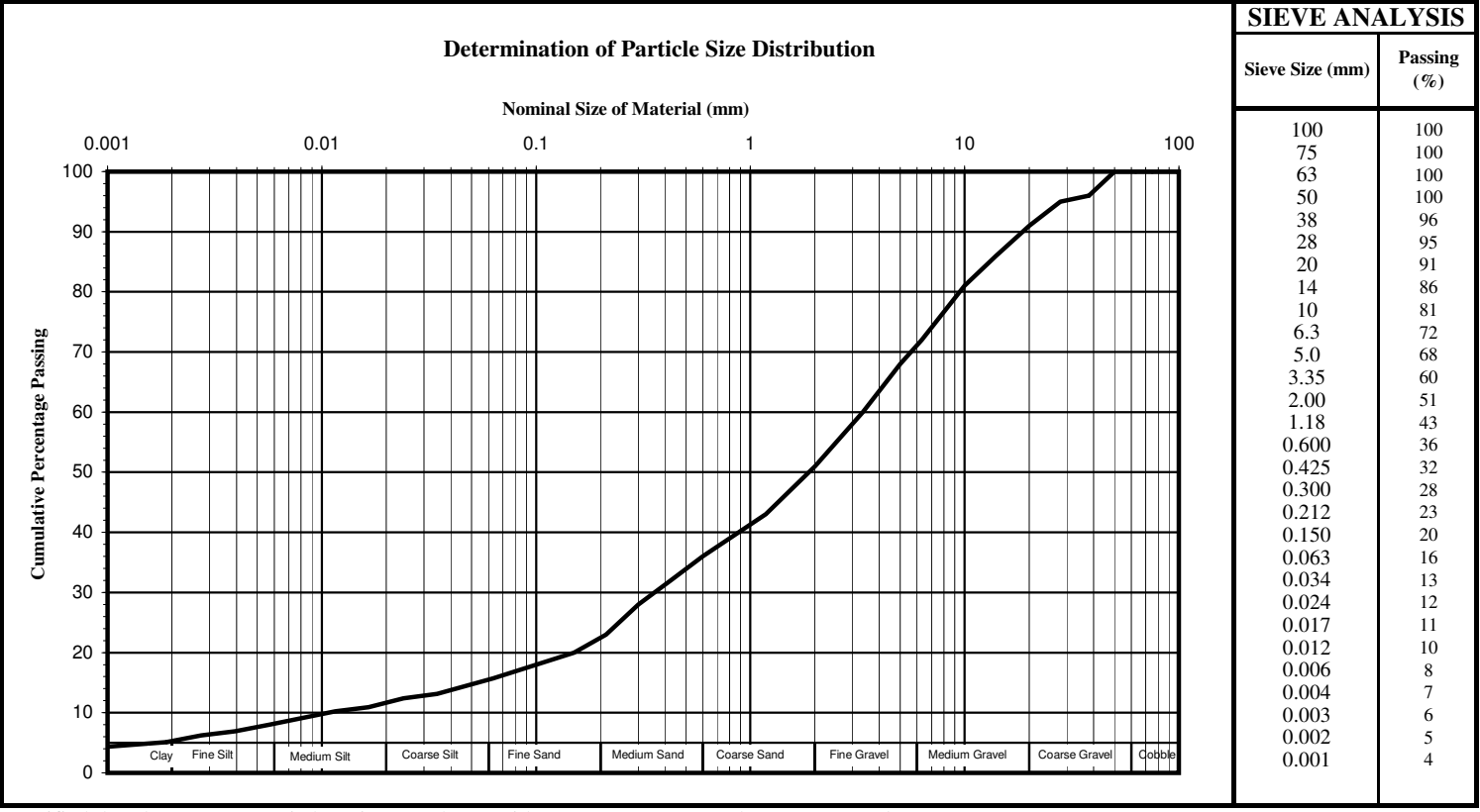
[] D. Berrill - Laboratory Manager



0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/31
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251094
Postcode:	M15 4GB	Client Reference:	5
Contact:	Michael Carter	Location:	BH1
Site:	2898	Depth (m):	1.50-2.00
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Black/Brown slightly silty SAND with Crushed Brick and Gravel	Date Received:	20.07.15
Moisture Content (%):	12	Date Tested:	30.07.15 to 01.08.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	8.4



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Signed

For and on behalf of Environmental Scientifics Group

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

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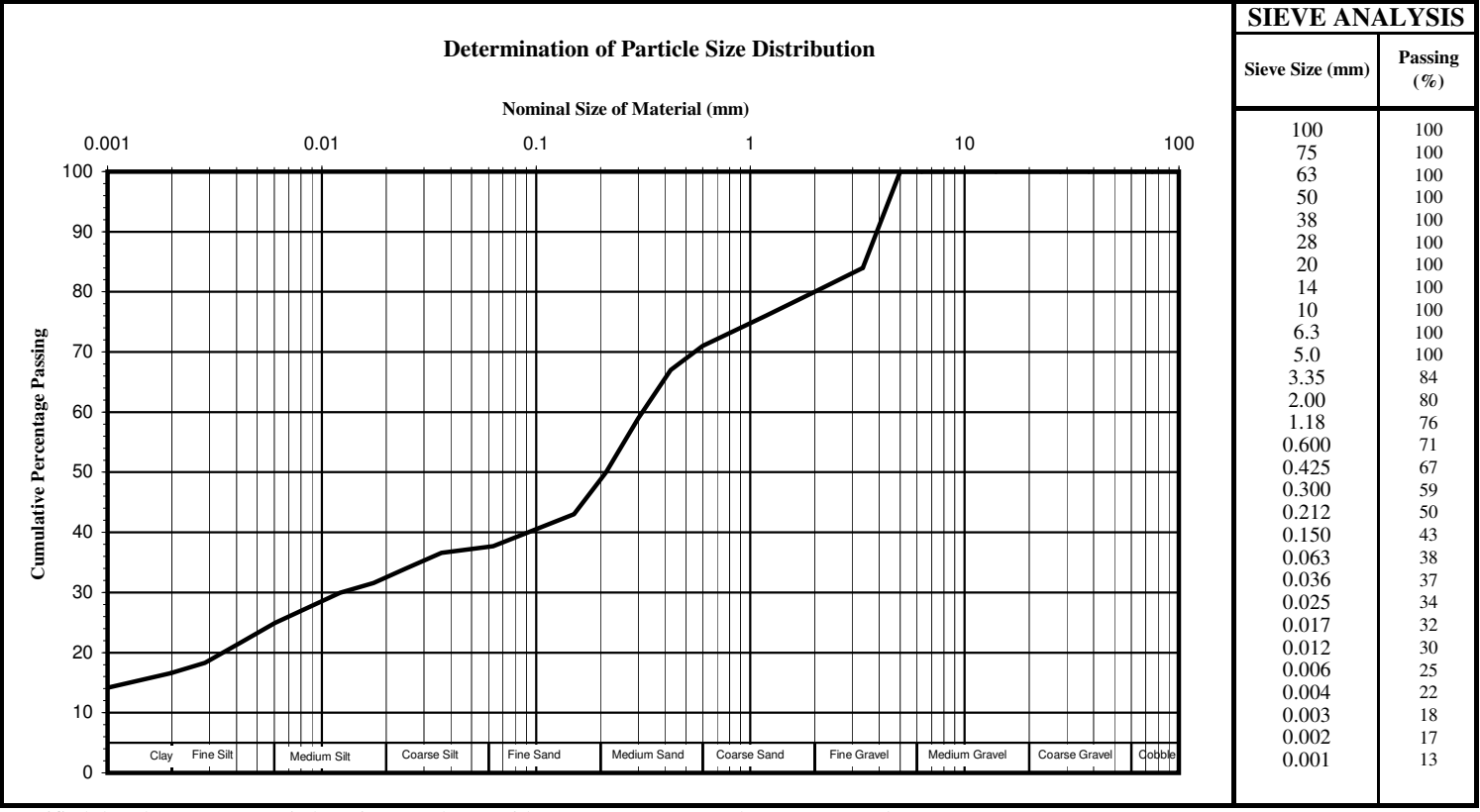


0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/32
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251097
Postcode:	M15 4GB		
Contact:	Michael Carter		
Site:	2898	Client Reference:	8
		Location:	BH3G
Supplier:	Client	Depth (m):	1.30
Source:	Site	Sampled from:	Site
		Sampled by:	Client
		Date Sampled:	24.06-16.07.15

Description:	Brown slightly clayey silty SAND with Crushed Brick and Gravel	Date Received:	20.07.15
Moisture Content (%):	20	Date Tested:	30.07.15 to 01.08.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Disturbed
		Mass of Sample (kg):	1.3



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15

Signed

[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group

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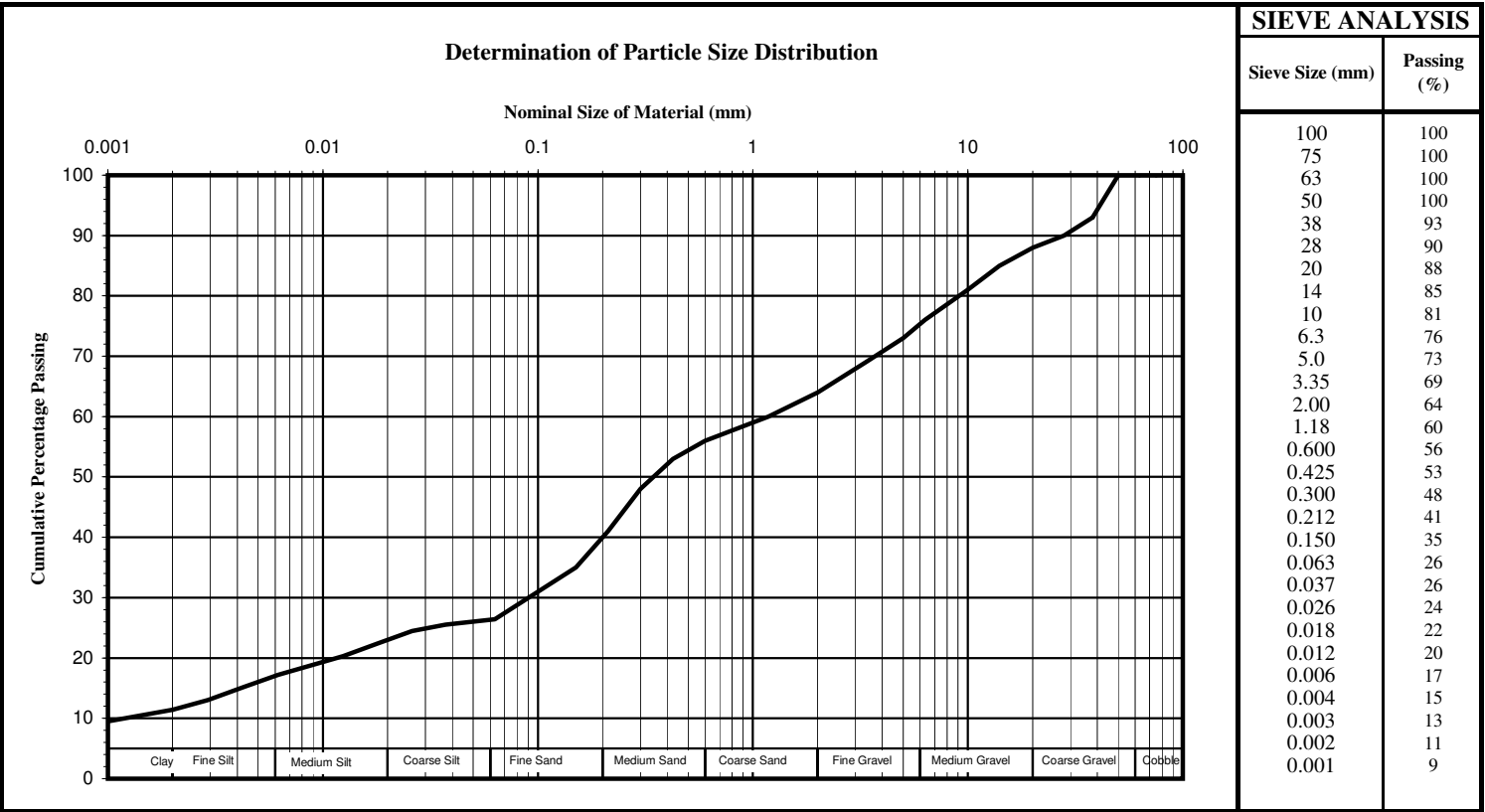
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0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/33
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251100
Postcode:	M15 4GB	Client Reference:	11
Contact:	Michael Carter	Location:	BH4
Site:	2898	Depth (m):	0.50-1.00
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown slightly clayey silty SAND with Crushed Brick and Gravel	Date Received:	20.07.15
Moisture Content (%):	19	Date Tested:	30.07.15 to 01.08.15
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Sample Type:	Bulk
		Mass of Sample (kg):	13



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15

Signed



[✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group

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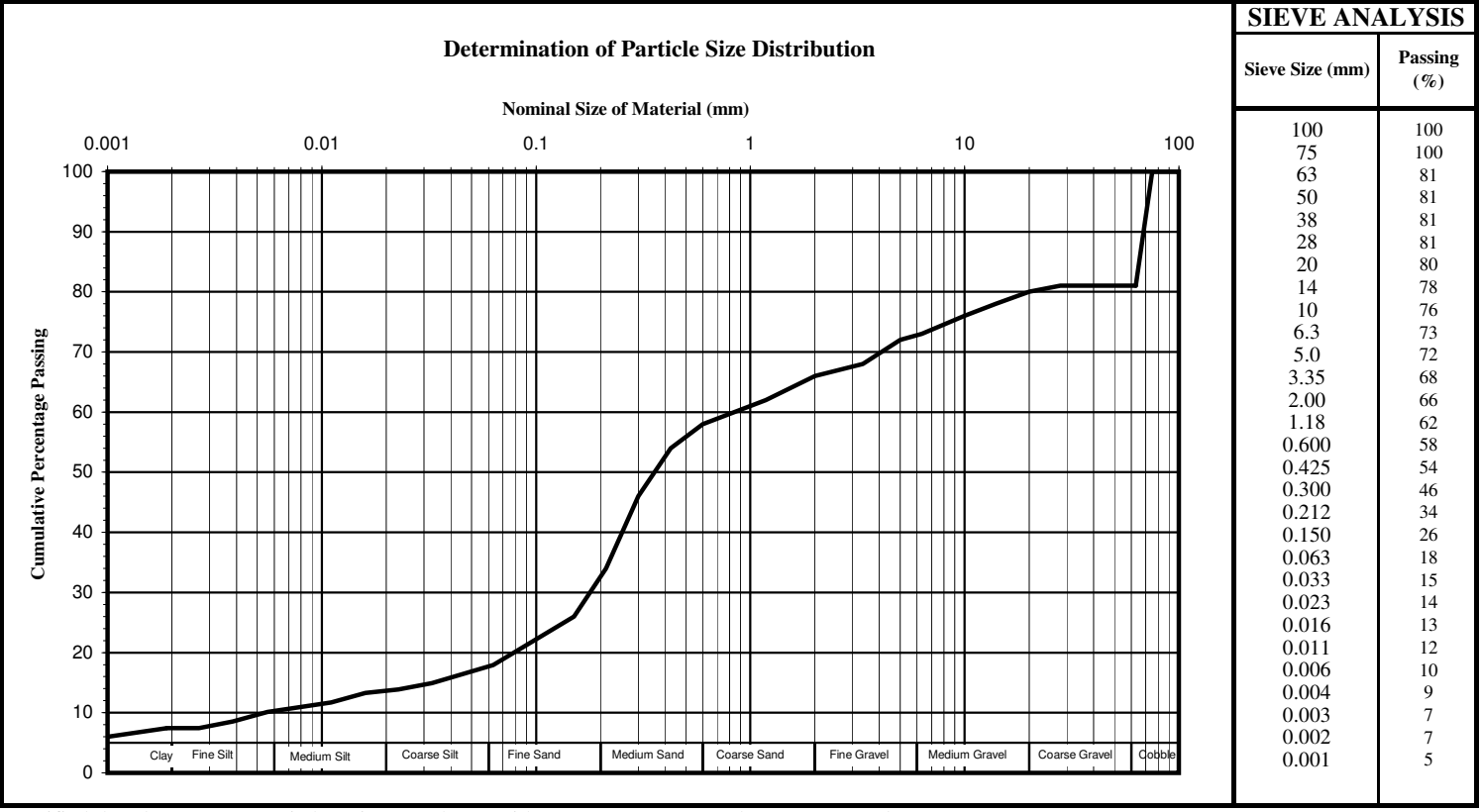
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0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/34
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251101
Postcode:	M15 4GB	Client Reference:	12
Contact:	Michael Carter	Location:	BH5
Site:	2898	Depth (m):	1.50-2.00
Supplier:	Client	Sampled from:	Site
Source:	Site	Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown SAND with Crushed Brick and Gravel	Date Received:	20.07.15
		Date Tested:	30.07.15 to 01.08.15
Moisture Content (%):	22	Sample Type:	Bulk
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Mass of Sample (kg):	10.1



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Signed



[✓] M. Carr - Section Manager

[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group

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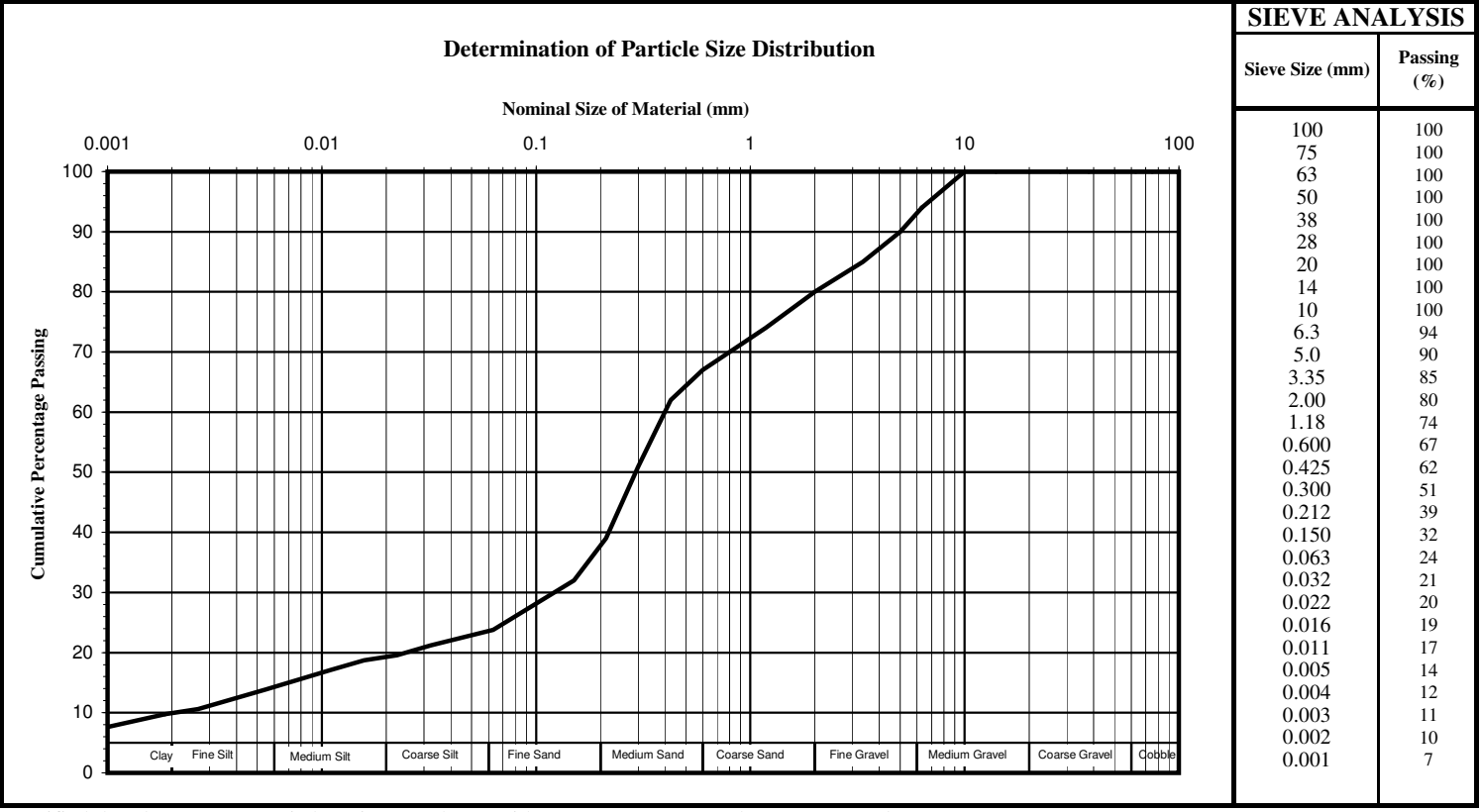
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0001

Determination of Particle Size Distribution

Client:	Integra Consulting (Engineers) Ltd	Report No:	51015925/15/35
Client Address:	Suite 3 14-32 Hewitt Street Manchester	Batch Number:	DAM0054835
		Lab Ref:	45251102
Postcode:	M15 4GB		
Contact:	Michael Carter		
Site:	2898	Client Reference:	13
		Location:	BH6
Supplier:	Client	Depth (m):	1.00
Source:	Site	Sampled from:	Site
		Sampled by:	Client
		Date Sampled:	24.06-16.07.15
Description:	Brown slightly clayey silty gravelly SAND	Date Received:	20.07.15
		Date Tested:	30.07.15 to 01.08.15
Moisture Content (%):	26	Sample Type:	Disturbed
Particle Density (Mg/m ³):	2.70 Mg/m ³ Assumed Value	Mass of Sample (kg):	1.7



Certified that the test was carried out in accordance with BS 1377-2: 1990 : Clauses 9.2 & 9.5

Comments : No pretreatment necessary
Preparation Method : In accordance with BS 1377-1 : 1990

Page: 1 of 1
Date Reported: 04.08.15

Signed  [✓] M. Carr - Section Manager
[] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group
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APPENDIX 8

PROPOSED DEVELOPMENT PLAN

APPENDIX 9

GROUNDWATER AND GROUND GAS MONITORING

Gas Monitoring

Site: Unity

Date: 24/07/2015

Recent weather:

Precipitation: none

Job No.: 2898

Start time:

Air temperature: 11 °C

Ground condition: dry

Engineer: MC&MB

End time:

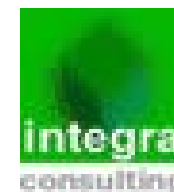
Cloud cover: 100%

Pressure trend: falling

Visit No.: 1

Wind velocity and direction: 1m/s

On-site activities
(e.g.construction): none

[illegible]

Gas Monitoring

Site: Unity

Date: 27/07/2015

Recent weather: rain

Precipitation: dry

Job No.: 2898

Start time: 10:46

Air temperature:

Ground condition: damp

Engineer: JG&MB

End time: 11:51

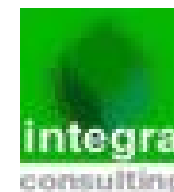
Cloud cover: partially cloudy

Pressure trend: rising

Visit No.: 2

Wind velocity and direction:

On-site activities
(e.g.construction): none

[illegible]

Gas Monitoring

Site: Unity

Date: 04/08/2015

Recent weather: rain

Precipitation: none

Job No.: 2898

Start time: 10:20

Air temperature: 16

Ground condition: dry

Engineer: MC&MB

End time: 11:15

Cloud cover: 100%

Pressure trend: steady

Visit No.: 3

Wind velocity and direction: 6m/s

On-site activities
(e.g.construction): none

[illegible]

Gas Monitoring

Site: Unity

Date: 28/08/2015

Recent weather: rain

Precipitation: none

Job No.: 2898

Start time: 13:53

Air temperature: 16

Ground condition: damp

Engineer: MC&MB

End time: 14:38

Cloud cover: partially cloudy

Pressure trend: rising

Visit No.: 4

Wind velocity and direction: 6m/s N

On-site activities
(e.g.construction): construction

[illegible]

Site: Unity

Site: Unity

Date: 04/08/2015

Weather: cloudy & showers

Start time: 10:20

Recent weather: rain

End time: 13:09

Atm. Pressure: 998 and steady



Borehole: BH 1

Well Diameter:	0.05 m
----------------	--------

Liquid Level:	4.9 m
---------------	-------

Base Level:	9 m
-------------	-----

Response zone

(slotted): 2 - 9 m

$$\text{Well vol} = \pi \times r^2 \times (\text{base} - \text{liquid level}) \times 1000 = 8.05 \text{ L}$$

Purge target vol = well vol x 3 = 24.15 l

Well water = $\pi \times r^2 \times 1000 = 1.96 \text{ l/m}$

Bails needed = purge target vol x well water = $\frac{47}{1}$ bails
(Bailer vol assumed = 1l)

[illegible]

[illegible]

Groundwater Monitoring

Site: Unity

Date: 27/07/2015

Weather: cloudy & showers

Job No.: 2898

Start time: 10:31

Recent weather: rain

Engineer: JG & MB

End time: 13:37

Atm. Pressure: 994 and rising



Borehole: BH 4 Well Diameter: 0.05 m Liquid Level: 6.2 m Base Level: 15 m

Response zone

(slotted): 8 - 15 m

Well vol = $\pi \times r^2 \times (\text{base} - \text{liquid level}) \times 1000 = 17.28$ l

Purge target vol = well vol x 3 = 51.84 l

Well water = $\pi \times r^2 \times 1000 = 1.96$ l/m

Bails needed = purge target vol x well water = 102 bails
(Bailer vol assumed = 1l)

Time	NAPL Level	Water Level	pH	Electrical Conductivity	Total Dissolved Solids	Dissolved Oxygen	Redox Potential	Water Temp.	Sampled	Comments
	(m)	(m)		($\mu\text{S/cm}$)	(ppm)	(%)	(mV)	($^{\circ}\text{C}$)	(✓)	(Colour? Turbidity? Odour? Etc.)
10:31	6.2	6.2		1106	552		144	12.3		slight NAPL veneer
10:38	7.8	7.8		1350	674		-15	11.9		sight NAPL veneer and high suspended solids
10:46	8.4	8.4		1669	835		-80	12.5	✓	sight NAPL veneer and high suspended solids

Key: required input cells

autocalc cells

Groundwater Monitoring

Site: Unity

Date: 27/07/2015

Weather: cloudy & showers

Job No.: 2898

Start time: 10:31

Recent weather: rain

Engineer: JG & MB

End time: 13:37

Atm. Pressure: 994 and rising



Borehole: BH 7 Well Diameter: 0.05 m Liquid Level: 5.0 m Base Level: 13 m

Response zone

(slotted): 7 - 13 m

Well vol = $\pi \times r^2 \times (\text{base} - \text{liquid level}) \times 1000 = 15.71$ l

Purge target vol = well vol x 3 = 47.12 l

Well water = $\pi \times r^2 \times 1000 = 1.96$ l/m

Bails needed = purge target vol x well water = 93 bails
(Bailer vol assumed = 1l)

Time	NAPL Level	Water Level	pH	Electrical Conductivity	Total Dissolved Solids	Dissolved Oxygen	Redox Potential	Water Temp.	Sampled	Comments
	(m)	(m)		($\mu\text{S/cm}$)	(ppm)	(%)	(mV)	($^{\circ}\text{C}$)	(✓)	(Colour? Turbidity? Odour? Etc.)
13:05	5.0	5.0		1157	580		96	12.5		slight NAPL veneer
13:11	6.8	6.8		1185	591		56	12.5		slight NAPL veneer and high suspended solids
13:16	6.9	6.9		1178	590		40	12.5		"
13:27	7.2	7.2		1166	580		10	12.2		"
13:37	7.5	7.5		1025	514		-26	12.2	✓	"

Key: required input cells

autocalc cells

Groundwater Monitoring

Site: Unity

Date: 27/07/2015

Weather: cloudy & showers

Job No.: 2898

Start time: 10:31

Recent weather: rain

Engineer: JG & MB

End time: 13:37

Atm. Pressure: 994 and rising



Borehole: BH 8 Well Diameter: 0.05 m Liquid Level: 4.6 m Base Level: 16 m

Response zone

(slotted): 10 - 16 m

Well vol = $\pi \times r^2 \times (\text{base} - \text{liquid level}) \times 1000 = 22.38$ l

Purge target vol = well vol x 3 = 67.15 l

Well water = $\pi \times r^2 \times 1000 = 1.96$ l/m

Bails needed = purge target vol x well water = 132 bails
(Bailer vol assumed = 1l)

Time	NAPL Level	Water Level	pH	Electrical Conductivity	Total Dissolved Solids	Dissolved Oxygen	Redox Potential	Water Temp.	Sampled	Comments
	(m)	(m)		($\mu\text{S/cm}$)	(ppm)	(%)	(mV)	($^{\circ}\text{C}$)	(✓)	(Colour? Turbidity? Odour? Etc.)
11:51	n/a	4.6		867	433		102	13.5		no NAPL
12:00	n/a	5.6		860	430		100	12.8		no NAPL. Suspended solids - medium turbidity
12:05	n/a	6.2		882	442		42	12.7		"
12:15	n/a	7.1		1060	526		-2	13.0		"
12:22	n/a	7.7		1226	609		-10	13.0		"
12:29	n/a	8.3		1236	623		-23	13.0		"
12:35	n/a	8.0		1292	639		-15	13.0	✓	"

Key: required input cells

autocalc cells

[illegible]

APPENDIX 10

NATURAL GLACIAL TILL DEPTH CONTOUR PLAN

Notes.

- 1 All dimensions and levels are in metres unless noted otherwise.
- 2 This drawing is to be read in conjunction with all relevant Architects and Service Engineers drawings.
- 3 Plan has been produced on the basis of of the scheme indicated.
- 4 These contours are tentative and based upon a linear interpretation of the Glacial Till between exploratory hole locations, no reliance should be placed upon the inferred level of the Till between the boreholes.

LEGEND

- Site Boundary
- Proposed Building/Sport Pitch Envelope
- Existing Building Envelope
- Proposed Sports Pitch
- 88.35m | BH4

Proposed Shell and Auger Borehole Location with Clay Depth (AOD)
- 88.35m | WS6

Completed Window Sample / Dynamic Probe Location with Clay Depth (AOD)
- 88.35m | DP1

EPS Window Sample Location (2015)with Clay Depth (AOD)
- 46.00m

Indicative Clay Contour Depth
- 46.00m

Inferred Indicative Contour Depth

Rev	Drawn	Date	Description
Drawing Status			
INFORMATION			
Contract			
UNITY COMMUNITY PRIMARY, CHEETWOOD			
Drawing Title			
NATURAL GLACIAL TILL DEPTH CONTOUR PLAN			
Integra consulting environmental			
Suite 4, 14-32 Hewitt Street, Manchester, M15 4GB email: environmental@integraconsulting.co.uk web: www.integraconsulting.co.uk tel: 0161 237 9310			
Scales 1:400@A1		Date AUG 2015	
Drawn JG		Checked MC	
Contract No 2898		Drawing No SI-02	P1

Appendix E Photographs



Photograph 1 – West of the site facing east



Photograph 2 – West of the site facing northwest



Photograph 3 – West of the site facing southeast



Photograph 4 – North of the site facing northeast