

Phase 1 Desktop Study

Premier Inn, Manchester Airport

for

MAG Property Ltd



06 / 09 / 2024



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Premier Inn Manchester Airport

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1.0 Introduction

1.1 Background

- 1.1.1 RoC Consulting has been appointed by MAG Property Group Ltd to conduct a Phase 1 Desktop Land Contamination Study and site walkover at the "Plot H5" portion of the Airport City development masterplan (henceforth known as the site). It is understood that the site is to be redeveloped as an 8-storey hotel with associated refuse / plant building and hard and soft landscaping (further details of which are provided on proposed development layout plans within Appendix A).
- 1.1.2 The purpose of this desk-based study is to provide a preliminary assessment of the site relating to current and historic operations to establish baseline geo-environmental and geotechnical conditions. This report presents a factual account and highlights the more pertinent points with interpretation relating to potential sources of soil or groundwater contamination that may be present within site soils.
- 1.1.3 The information obtained during this assessment has also been used to collate a Preliminary Conceptual Site model for the proposed development to assist with the estimation of risks arising from contaminated land related concerns. Where required, this model will form the basis for future Phase 2 Intrusive Site Investigation works to further refine (and mitigate against) risks posed to future site users.

1.2 Terms of Reference

- 1.2.1 The desk-based environmental assessment was carried out following receipt of an instruction from Emily Fleet of MAG Property Ltd.

1.3 Objectives

- 1.3.1 The objectives of the desk-based study were:
 - To characterise the environmental setting of the site, including the geology, hydrogeology and hydrology of the site and surrounding areas from published data
 - To identify (where possible) potential sources of ground, groundwater or surface water contamination and/or soil gas (hazardous materials) arising from past and/or current activities at the site and/or neighbouring properties
 - To formulate a Preliminary Conceptual Site model and assess the risks posed to identify receptors soil and / or groundwater contamination or ground gas ingress
 - As required, provide an initial indication of any intrusive site investigation works or remedial works required to ensure the sites safe redevelopment
 - To undertake a preliminary geotechnical assessment of site conditions to identify potential abnormal items that may arise as a result of the site redevelopment



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1.4 Scope of Work

- 1.4.1 The overall scope of work comprised reference to a Landmark 'Envirocheck' report as well as other published sources, and includes:
- Review of published geological, hydrogeological and hydrological information to establish environmental sensitivities at the site and within the surrounding environment
 - Completion of a site walkover survey to establish present day site setting and conditions
 - Review of historical map information to identify previous usage of the site and its immediate surroundings and search of a commercial environmental database, to identify potential sources of land contamination and potential environmental impacts
 - Preparation of a report, outlining the findings and recommendations, including requirements for any further work considered necessary in order to better quantify any environmental hazards identified, and taking account of the current status of the site

1.5 Limitations of Study Assessment

- 1.5.1 The comments made in this report are based on the data available at the time of its completion. Any unusual or conflicting evidence discovered during any future site works must be presented to RoC Consulting as soon as possible so that any implications may be considered.
- 1.5.2 Additional information, changes in legislation or revised practices may necessitate re-interpretation of part or all of this report. Additionally, site redevelopment and/or a change in end use will require reinterpretation of the assessment.
- 1.5.3 The accuracy of the data supplied by third parties should be considered in the context of any known site conditions for which RoC Consulting cannot be held liable.
- 1.5.4 It should be noted that any subsequent revision of the proposed redevelopment or site boundary away from the above-mentioned drawing may result in the full or partial re-interpretation of this report and assessment.
- 1.5.5 The report has been produced by RoC Consulting for the client solely for the purposes of a review of information for the above-mentioned site. It may not be used by any person for any other purpose other than that specified without the express written permission of RoC Consulting. Any liability arising out of its use by a third party for purposes not wholly connected with the above shall be the responsibility of that party who shall indemnify RoC Consulting against all claims, costs, damages and losses arising out of such use.

2.0 Desk Top Review

- 2.0.1 The following chapter provides an overview to most salient findings of our desk based geo-environmental assessment. This information has been used to formulate the collation of a Preliminary Conceptual Site Model (as discussed in Section 3.0) to assess the potential impacts and risks associated with geo-environmental and geotechnical concerns across the site.
- 2.0.2 Supporting information and evidence has been provided within enclosed appendices and it is recommended reference be made to these documents / plans when reviewing this report.

2.1 Sources of Information

- 2.1.1 Background information on the site was acquired from the following sources:
- Envirocheck at the Ordnance Survey
 - British Geological Survey 1" to 1 mile/1:10'000, solid & drift
 - Environment Agency Groundwater Vulnerability Map
 - Radon Atlas of England
 - Observations from site walkover survey completed on the 04/09/2024
 - Previous site investigation reported completed by Borehole Solutions 2014 (ref: DMG/C2315/4577)
 - Previous site investigation reported completed by RoC Consulting 2016 (ref: 3276 JB/AS/p2)
 - Previous site investigation reported completed by RoC Consulting 2020 (ref: ROCP LTD/RM/AS/P2 4013 R1)

2.2 Site Location and Description

- 2.2.1 The site is centred around 381882, 385549 and occupies an area of circa 0.26 ha. The site forms an irregularly shaped plot of land to the north of Manchester Airport. The northern half of the site is currently occupied by a construction compound associated with the neighbouring Plot H3 hotel development whereas the southern portion of the site is occupied by an access road and carparking. The sites northern and eastern boundary is formed by the Plot H3 development compound and car parking, the sites southern boundary is formed by an access road and the sites western boundary is formed by car parking. Nearby development includes Plot H3 (a hotel currently under construction) car parking, Voyager House (an office building) and the Manchester Airport public transport terminal comprising, a bus, tram and train station with further hotels and airport infrastructure outside the immediate vicinity of the site.
- 2.2.2 Topographically speaking the site is relatively flat with some locally minor engineered changes in levels to facilitate drainage of the hardstanding roads and car parking. There is no water courses present on site, and only limited areas of soft landscaping confined to small island strips within the car parking area of the site.

- 2.2.3 Land uses within 250m of the site to the south, east and west include offices, car parking, public transport terminals and airport terminals. Land use to the north of the site predominantly comprises car parking highways and vacant land.
- 2.2.4 No specific sources of contamination, or potentially contaminative industrial activities, were noted on or adjacent the site at the time of inspection.
- 2.2.5 A selection of photographs showing the site at the time of inspection are provided within Appendix A.

2.3 Site History

- 2.3.1 The site history has been compiled by reference to historical Ordnance Survey maps obtained from Envirocheck presented in Appendix B.

On site historical land uses

- 2.3.2 The site has had a limited development history, having been occupied by agricultural fields associated with Woodhouse Farm up until circa 1990 when the site was developed as a car park associated with Manchester Airport and the Voyager building construction. In 2022 the northern portion of the site became part of the construction compound used for storage of materials and site cabins for the development of the Tribe Hotel (Plot H3) immediately adjacent the sites northern boundary, the hotel was nearing the end of the construction phase at the time of writing.
- 2.3.3 The principal onsite historical features are summarised in Table 2.1 below:

Table 2.1: On Site History Overview

Land Use	Location	From	To
Fields Associated with Woodhouse Farm	Site wide	1882	1990
Car Parking	Site wide	1990	Present
Construction Compound	Northern portion of site	2022	Present

Adjacent historical land uses

- 2.3.4 From the 1870/80s the site was predominantly surrounded by farmland with a number of farmhouses and ponds located within 500m of the site. The site surroundings largely remained dominated by agricultural land use up until the mid to late 1900s when the expansion of Manchester Airport began and its associated infrastructure. A number of potentially contaminative land uses are noted in close proximity to the site associated with airport infrastructure including, electricity substations, fuel stations and the Manchester Airport Integrated Public Transport Interchange. The ponds that were historically located within close proximity to the site have all been infilled over time to facilitate development in the surrounding area.

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- 2.3.5 The most significant sources are the historic Texaco Petrol Station and the Manchester Airport Public Transport Interchange. However, this site has since been closed, remediated and redeveloped to the approval of the local planning authority to facilitate a hotel development.
- 2.3.6 The principal off-site historical features are summarised in Table 2.2 below.

Table 2.2: Off Site History Overview

Land Use	Location & Commentary	From	To
Agricultural Fields and Farmhouses	General surroundings out to 500m. From the 1950s/60s onwards. Manchester Airport encroaches towards the site from the south until the 1990s when the site surroundings are predominantly associated with Manchester Airport infrastructure	1872	1990
Woodhouse Farm	100m SW, expanded northwards on records dating from 1935 to within 100m of the site, expanded again in 1961-70 before demolition circa 1990	1872	1990
Outwood Lane	100m E	1882	Present
Pond	100m N infilled circa 2024	1882	2024
Pond	160m S infilled circa 1954	1882	1954
Pond	200m SE infilled circa 1977	1882	1977
Pond	250m S infilled circa 1990	1882	1990
Mayfield and Brookside Cottage	120m N, expanded northwards in 1935, referred to as Mayfield and Brookside Cottage in 1961-70	1898	1990
Ponds	250m W infilled circa 1992	1898	1992
Manchester Airport & Associated Infrastructure	500m S Expanded to the north until the 1990s when the site became part of the Airports estate as a car park	1954	Present
Highway (M56)	60m N	1974	Present
Electricity Substation	170m E	1987	Present
Garage (Fuel)	230m SE redeveloped as car parking circa 2018	1987	2018
Electricity Substation	200m E	1989	Present
Manchester Airport Station	150m SE	1993	Present

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Land Use	Location & Commentary	From	To
Texaco Petrol Station	120m W redeveloped as a hotel circa 2019	1995	2019

2.4 Geology

2.4.1 Review of BGS geological map records (Sheet 98) indicate the site is underlain by the following:

Drift Geology: Devensian Till - Diamicton

Solid Geology: Bollin Mudstone Member (Mudstone & Siltstone)

2.4.2 There are no geological faults or features indicated within 500m of the site.

2.4.3 Geology at the site, particularly the Bollin Mudstone Member could potentially be pyritic based on the guidance detailed in Building Research Establishment (BRE) Special Digest 1: 2005 'Concrete in Aggressive Ground' to establish a design sulphate class (DS) and the 'aggressive Chemical Environment for Concrete' (ACEC).

2.4.4 A search has also been completed using the BGS Borehole Scans facility to establish what (if any) historic site investigation or borehole data may be available for the development. BGS boreholes are summarised in Table 2.3 below.

Table 2.3: BGS Boreholes

Strata (Depth to Base)	SJ88NW1297 (130m SE)	SJ88NW1328 (135m SE)	SJ88NW1329 (145m SE)	SJ88NW1330 (165m SE)	SJ88NW1331	SJ88NW1332	SJ88NW1333
Made Ground	1.25mbgl / 71.55mAOD	0.60mbgl / 71.22mAOD	0.90mbgl / 70.57mAOD	1.50mbgl / 68.79mAOD	0.35mbgl / 67.94mAOD	0.40mbgl / 67.46mAOD	0.10mbgl / 66.92mAOD
Devensian Till	2.35mbgl / 70.45mAOD	1.88mbgl / 69.96mAOD*	1.50mbgl / 69.97mAOD	Not encountered	Not encountered	Not encountered	Not encountered
Bollin Mudstone (Mudstone)	8.35mbgl / 63.60mAOD	Not encountered	3.85mbgl / 67.89mAOD*	2.65mbgl / 67.64mAOD*	0.85mbgl / 67.44mAOD*	0.72mbgl / 67.14mAOD*	0.68mbgl / 66.34mAOD*
Bollin Mudstone (Siltstone)	20.00mbgl / 51.95mAOD*	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered

* Depth not proven.

2.4.5 The BGS boreholes described above are predominantly located in the area of the Manchester Airport station building.

2.4.6 Site investigations have previously been completed by RoC Consulting in 2016 and 2020 (ref: 3276 JB/AS/p2 and ROCP LTD/RM/AS/P2 4013 R1) and Brownfield Solutions in 2014 (ref: DMG/C2315/4577) with boreholes located within close proximity to the sites red line boundary.

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- 2.4.7 A review of these reports has been undertaken in order to more accurately ascertain ground conditions on site and is summarised below. The general geological profile of the site is indicated to be a thin layer of made ground associated with the asphalt car park surfacing and underlying limestone / sandstone subbase underlain by Devensian Till Deposits comprising predominantly firm to stiff clay with some bands of sand.
- 2.4.8 The upper horizons of the Bollin Mudstone Member have been described as completely weathered and de-structured rock. Once intact rock was recovered it was described as extremely weak to weak mudstone and siltstone. Encountered ground conditions are summarised in Table 2.4. The location of boreholes from previous site investigations is depicted on drawing 4700-ROC-ZZ-XX-DR-ES-ES103 contained within Appendix A.

Table 2.4: Historic Site Investigation Boreholes

Strata (Depth to Base)	BSA8	BSB6	BSC15	BSC7	ROCBH109	BSC14	ROC BH201	ROC BH203
Made Ground	0.60mbgl / 69.35mAOD	0.50mbgl / 69.63mAOD	0.55mbgl / 69.71mAOD	0.25mbgl / 70.12mAOD	0.60mbgl / 69.80mAOD	0.30mbgl / 69.98mAOD	0.60mbgl / 69.63mAOD	0.80mbgl / 69.60mAOD
Devensian Till (Firm to stiff clay with rare sand)	3.9mbgl / 66.05mAOD	2.45mbgl / 67.68mAOD	2.10mbgl / 68.16mAOD	2.40mbgl / 67.97mAOD	2.20mbgl / 68.20mAOD	3.05mbgl / 67.23mAOD*	2.40mbgl / 67.83mAOD	1.95mbgl / 68.45mAOD
Bollin Mudstone (Mudstone / Siltstone)	19.40mbgl / 49.95mAOD*	5.45mbgl / 64.68mAOD*	3.05mbgl / 67.21mAOD*	2.95mbgl / 67.42mAOD*	3.20mbgl / 67.20mAOD*	Not encountered	15.00mbgl / 55.23mAOD*	15.00mbgl / 55.40mAOD
Bollin Mudstone (Siltstone)	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered	Not encountered
Groundwat er Strikes	7.5-8.5mbgl / 62.45- 61.45mAOD and 14.90- 16.40mbgl / 55.05mAOD – 53.55mAOD	Not encountered	Not encountered	0.50mbgl / 69.87mAOD	Not encountered	Not encountered	Not encountered	Not encountered

Made Ground

- 2.4.9 Made ground deposits beneath and in close proximity to the site vary in depth between 0.25 and 0.80mbgl and are largely reported to comprise a surface course of asphalt underlain by limestone subbase with underlying sandstone cobbles.
- 2.4.10 No visual or olfactory evidence of contamination was noted in made ground during site works nor was any exceedances of screening criteria for contaminant concentrations reported.

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Devensian Till

- 2.4.11 Devensian Till deposits were encountered underlying made ground deposits and were largely described as firm brown gravelly and sandy clay becoming stiff to very stiff with depth. Occasional small bands of loose sand were reported within the clay. The Devensian Till deposits were found to extend to between 1.95 to 3.90mbgl.
- 2.4.12 No visual or olfactory evidence of contamination was noted in Devensian Till deposits during site works nor was any exceedances of screening criteria for contaminant concentrations reported.

Bollin Mudstone

- 2.4.13 Bollin Mudstone was reported underlying the Devensian Till deposits. Weathered mudstone bedrock was encountered at all exploratory borehole locations at the base of clay, comprising a very weak highly/completely weathered Mudstone (generally recovered as clay and gravel).
- 2.4.14 Intact bedrock at shallower depths was generally described as moderately weak thinly interlaminated grey/light grey silty mudstone. Whereas at depth the bedrock is generally reported as weak to moderately weak thinly laminated reddish-brown silty mudstone. Bedrock was found to be partially weathered throughout the investigated depths and rock strength varied from extremely weak to weak, however was generally very weak.
- 2.4.15 Rockhead is typically encountered at shallower depths toward the eastern portion of the site and appears to dip to the northwest of the site where it is encountered at greater depths.
- 2.4.16 No visual or olfactory evidence of contamination was noted during site works nor was any exceedances of soil guideline values for contaminant concentrations reported.

Groundwater

- 2.4.17 Groundwater strikes were only observed at BSA8 within the Bollin Mudstone and BSC7 within the Devensian Till. However, groundwater monitoring of installed wells indicated a groundwater table within Made Ground / Devensian Till deposits at depths ranging between 0.38 to 4.92mbgl.

Mining

- 2.4.18 The Envirocheck report (Appendix C) indicates that the site is not located in an area which may be affected by historic Coal Mining and a Coal Authority report is not required.
- 2.4.19 The Envirocheck report states that the site is located within an area which may be affected by historic brine pumping, and it is recommended a CON29M report is procured. However, noting the BGS map records indicate the site is underlain by the Bollin Mudstone formation, which is not known or used for the production of Brine, we are of the opinion the ground subsidence risks are low.

Radon

- 2.4.20 According to the environmental database search, the site is located within a lower probability radon area (less than 1% of homes are estimated to be at or above the action level) and therefore no radon protection measures are necessary in the construction of new buildings.

Ground Stability

- 2.4.21 Table 2.5 overleaf indicates the potential ground stability hazards on site, as obtained from the Envirocheck report.

Table 2.5: Ground Stability Hazards

Ground Stability Hazard	Risk Rating
Collapsible Ground	Very Low
Compressible Ground	No Hazard
Ground Dissolution	No Hazard
Landslide	Very Low
Running Sand	Low
Shrinking or Swelling Clay	Very Low

Soil Chemistry

- 2.4.22 Table 2.6 indicates the background estimated soil chemistry for the site, as obtained from the site sensitivity maps within Appendix D.

Table 2.6: BGS Estimated Soil Chemistry

Determinant	Concentration
Arsenic	<15 mg/kg
Cadmium	<1.8 mg/kg
Chromium	60 – 90 mg/kg
Lead	<100 mg/kg
Nickel	<15 mg/kg

2.5 Hydrological

Surface Water and Pollution

- 2.5.1 The nearest surface water feature is indicated 268m to the northeast in the form of an unnamed watercourse. No water quality data is available for this feature.
- 2.5.2 There are no active surface water abstractions at the site or within 500m of the site boundary.

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- 2.5.3 The nearest discharge consent is indicated 200m to the east held by Ladbroke Hotels Ltd for the release of “other matter surface water” into Painswick Pool however the authorisation was revoked in 1991. The nearest active discharge consent is located 447m to the southwest of the site and is held by Manchester Airport Plc for “Trade Effluent Discharge – site drainage” the receiving water is listed as the River Bollin and nearby tributaries.
- 2.5.4 A single pollution incident has occurred within 500m of the site and relates to a pollution incident to controlled waters (Category 3 – minor incident) that occurred in 1996 involving the discharge of petrol to Baguley Brook. No further pollution incidents have been recorded within 500m of the site.
- 2.5.5 The Envirocheck database indicates that there have been no prosecutions relating to controlled waters or industrial processes within 500m of the site.

Ground Water

- 2.5.6 The Envirocheck Groundwater Vulnerability Map indicates the Devensian Till superficial deposits are classified as a Secondary Undifferentiated Aquifer with the underlying Bollin Mudstone bedrock designated as a Secondary B Aquifer.
- 2.5.7 The site is not located within an Environment Agency Source Protection Zone.
- 2.5.8 The site is not located in close proximity to any sensitive groundwater abstraction points (e.g. for a potable water supply well). No water abstraction point from ground or surface water are indicated within 1km of the site.

Flooding

- 2.5.9 The site is classified as Flood Zone 1 (lowest risk category). Envirocheck records that the site has potential for groundwater flooding to occur at the surface. These classifications do not constitute a Flood Risk Assessment.

2.6 Hazardous Substances

- 2.6.1 There are no active Control of Major Accident Hazards Sites (COMAH), Explosive Sites, Notification of Installations Handling Hazardous Substances (NIHHS), Planning Hazardous Substance Consents, or Planning Hazardous Substance Enforcements within 500m of site.

2.7 Landfill Sites and Other Waste Facilities

- 2.7.1 There are no active BGS recorded landfill sites, local authority recorded landfill sites, registered or historic landfill sites within a 500m radius of the site. There are however a total of 19 recorded instances of potentially infilled land within 500m of the site, these largely relate to infilled ponds within the site surrounds as was previously described within section 2.3.
- 2.7.2 There are no Licensed Waste Management Facilities, waste treatment sites or registered waste transfer stations located at the site or within 500m of the site boundary.

2.8 Industrial Land Use & Processes

- 2.8.1 The site is not on the Contaminated Land Register, and there are no such sites within 1km of the site.
- 2.8.2 Nearby Pollution Controls are detailed in table 2.7 below:

Table 2.7: Pollution Controls

Regime	Onsite	0 to 250m	250m to 500m
Integrated Pollution Control (IPC)	None recorded	None recorded	None recorded
Integrated Pollution Prevention and Control (IPPC)	None recorded	None recorded	None recorded
Local Authority Pollution Prevention and Control (LAPPC)	None recorded	1	1
Local Authority Pollution Prevention and Control Enforcement (LAPPCE)	None recorded	None recorded	None recorded

- 2.8.3 A single LAPPC is recorded within 250m of the site associated with Manor Service Stations Ltd, Terminal 1 petrol stop and is a local authority air pollution control. However, it is understood that the petrol filling station no longer exists based on a review of satellite imagery and historic mapping.
- 2.8.4 Contemporary trade directory entries indicate there are no active entries within 500m of the site. Inactive entries within 500m of the site include hygiene services, petrol filling stations, electrical goods sales, manufacturers and wholesalers, freight forwarders, toiletries, and dry cleaners.
- 2.8.5 The nearest fuel station entry is indicated 122m to the southeast comprising the Terminal 2 Petrol shop, however the station is listed as obsolete.

2.9 Environmentally Sensitive Areas

- 2.9.1 The Envirocheck database indicates that there are no Nitrate Vulnerable Zones (NVZ), Special Protection Areas (SPAs), Sites of Special Scientific Interest (SSSI) or areas of adopted green belt.

2.10 Ecological Setting & Invasive Plant Species

- 2.10.1 There are no sites of Special Biological Interest (SBI), Special Areas of Conservation (SAC) or nature reserves at the site or within 250m of the site boundary.
- 2.10.2 No evidence of invasive plant species was noted during the course of the site walkover survey, although, it should be noted the inspection did not comprise a detailed ecological assessment.



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2.11 Unexploded Ordnance Risks

2.11.1 The Zetica UXO online maps indicate the site to have a low UXO risk.

2.12 Former Site Investigation Information

2.12.1 Several site investigations have been undertaken across the wider site by Brownfield Solutions and RoC Consulting in 2014, 2016 and 2020. These include investigations that were completed within the site redline boundary. Encountered geology is described in Section 2.4. A summary of the site investigation findings is presented below.

Brownfield Solutions 2014

2.12.2 These investigations were completed across the wider site surrounding Plot H5 with some exploratory holes formed within plot H5 itself. The site investigation comprised the formation of x19 cable tool/rotary core boreholes and x19 window sampler holes.

2.12.3 Chemical testing results indicate there were no exceedances of heavy metals, PAH or TPH compounds when screened against commercial screening criteria. No traces of asbestos were detected.

2.12.4 Some elevated levels of ground gas were reported during ground gas monitoring works with a maximum recorded peak CO² concentration of 5.3%.

2.12.5 A single UCS test was completed in close proximity of the site at BHA8 at 13.9mbgl reporting an unconfined compressive strength of 6.5MPa. Plasticity Index testing was undertaken on 9 samples in close proximity to the site with the plasticity index of clays ranging from 11 to 25% with a mean value of 15%. A total of 5 undrained triaxial compression tests were completed on undisturbed samples obtained of clay indicating shear strength to range between 23-139 kPa in the Devensian Till deposits.

Roc Consulting Supplementary Site Wide Site Investigation (2016)

2.12.6 A review of a previous site investigation by RoC Consulting across Plots H1 to H6 in 2016 was undertaken in order to establish ground conditions beneath the subject site as described in section 2.4. The works were completed across the current site (car parking facility) and immediate surroundings, comprising the formation of x11 cable tool boreholes to depths ranging between 3.20 and 15.20mbgl; and x3 rotary cored boreholes into the underlying Bollin Mudstone ranging in depth from 13.50 and 16.5mbgl.

2.12.7 Chemical testing results indicate there were no exceedances of heavy metals, PAH or TPH compounds when screened against commercial screening criteria. No traces of asbestos were detected.

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- 2.12.8 Geotechnical Testing within the wider existing site car park indicated the undrained shear strength of Devensian Till deposits to range from 73 to 258kPa with a mean value of 142kPa. The undrained shear strength of clays on site appears to increase with depth. Plasticity index testing indicates that the plasticity index of clays on site ranges between 9 and 18% with a mean value of 13% indicating clays to be of a low to intermediate plastic nature.
- 2.12.9 Unconfined Compressive Strength tests undertaken on cores of the Bollin Mudstone member obtained from the site indicate Unconfined Compressive Strengths in the region of 1.8 to 9.2 MN/m².

Roc Consulting 2020 Plot H3 Site Investigation

- 2.12.10 A review of a previous site investigation by RoC Consulting across Plot H3 to the north of the site was undertaken in order to establish ground condition in close proximity to the site. The works comprised the formation of 3 x rotary cored boreholes.
- 2.12.11 Chemical testing results indicate there are no significant concentrations of heavy metals, PAHs, TPHs, and no traces of asbestos had been detected.
- 2.12.12 Gas monitoring results indicated that elevated levels of ground gas were reported beneath the site and recommendations for ground gas protection measures in line with a CIRIA 665 CS2 scenario.
- 2.12.13 Plasticity index testing of Devensian Till deposits indicates that the plasticity index ranged between 11 and 17%. A single undrained triaxial test was undertaken at 1.20mbgl indicating clay to have an undrained shear strength of 75kPa this is in line with results from previous investigations at similar depths across the wider site. No UCS testing was completed on rock cores obtained on site owing to the highly fractured nature of the rock recovered and poor RQD values. Point load testing was completed instead with IS (50) values obtained ranging between 0-0.7MPa.

2.13 Redevelopment Proposals

- 2.13.1 It is understood that the redevelopment proposals for the site comprise an 8-storey Premier Inn Hotel with associated refuse / plant building soft and hard land scaping in accordance with 5 Plus architects drawing 06050-5PA-B1-00-DR-A-900002.

3.0 Preliminary Conceptual Site Model

- 3.0.1 The results from the desk-based information review have been used to assess theoretical risks posed by ground contamination and ground stability issues beneath the site. The assessment considers these risks both in terms of the current site arrangement and usage, as well as any potential future development (and associated construction process).
- 3.0.2 The assessment has been collated with reference to various statutory and non-statutory guidance documents relating to land contamination and ground stability. Specifically, the assessment has been conducted in accordance with the Environment Agency Land Contamination Risk Management (LCRM) guidance relating to the “Tier 1 Preliminary Risk assessment” process (revised April 2021).
- 3.0.3 In accordance with this method, a Preliminary Conceptual Model has been collated for the site based on the results of the desktop review. This model is based around the Source / Pathway / Receptor methodology as outlined in Fig 3.0.

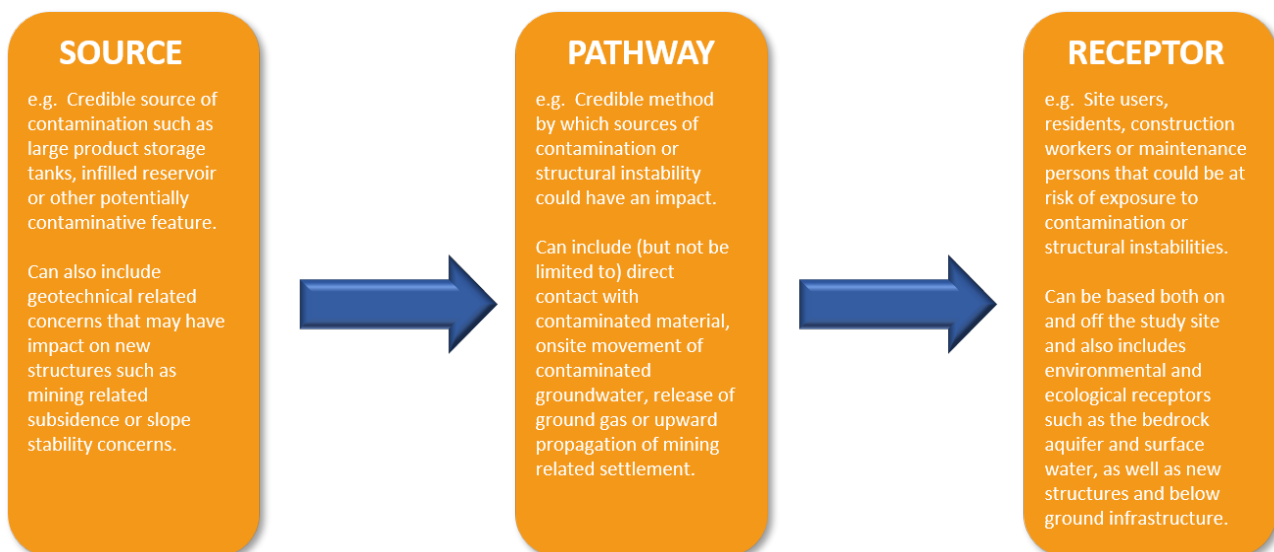


Figure 3.0 Source Pathway Receptor Diagram

- 3.0.4 Risk assessment is the process of collating known information on a hazard or set of hazards in order to establish actual or potential further details of which are provided in Table 3.0 overleaf.

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Table 3.0: Definition of risk class and consequence

Risk Class	Definition	Example
Minor	Potential for harm, although not significant, which may result in financial loss to resolve. Ground conditions where the use of PPE would readily mitigate risks posed to human health.	Low level contamination hotspots within made ground / demolition fill materials. Stunted or impeded plant growth due to poor soil quality.
Mild	Pollution of non-sensitive water resources or damage to crops, plant growth, below ground utilities or structures.	Perched groundwater contamination overlying low permeability aquifer or aggressive sulphate concentrations in soils.
Medium	Sources of contamination identified on site have the potential to cause both long and short-term health effects on site residents / users. Alternatively (or in conjunction with) sources of contamination may have the potential to impact surface or groundwater quality or impede vegetation growth.	Elevated concentrations of hydrocarbon contamination reported within topsoil tested within residential gardens as a result of inadequate or incomplete previous remediation works. Movement of contaminated groundwater from leaking below ground storage tank into adjacent surface water course.
Severe	Sources of contamination pose a credible and acute risk to human health with potential for "Significant Harm" occurring as defined by the Part IIA of the Environmental Protection Act (1990). Alternatively (or in conjunction with risks posed to human health) sources of contamination may pose an immediate risk to controlled water resources or ecosystems.	Grossly contaminated soils are encountered or disturbed during excavation works, causing an immediate release of toxic soil vapour and leachate / contaminated groundwater flow across adjacent land.

- 3.0.5 As previously discussed the contaminated land risk assessment model evaluates both, the severity of risks that may be present within soils / groundwaters in the context of threats posed to identify receptors before deriving the actual risk rating based on the probability of occurrence. Table 3.1 outlines the range likelihood of risk.

Table 3.1: Probability Assessment

Classification	Definition
High likelihood	A credible pollutant linkage has been identified and it is very likely contaminants will impact identified receptors in both the short or long term (or is already actively doing so). The potential for harm to be caused is thus highly likely.
Likely	Pollutant linkages between the sources of contamination and identified receptors are present and it is considered likely they will become active given the right set of circumstances (e.g. contaminants currently buried below ground that are likely to be exposed or disturbed during construction / excavation works). The circumstances are such that an event is not inevitable, however it is possible in the short term and likely over the longer term.
Low likelihood	A theoretical pollutant linkage has been identified that has the potential to expose receptors to contaminants under the correct circumstances. However, the likelihood of such an event occurring is not a certainty, even in the long term
Unlikely	There is no / minimal likelihood a pollutant linkage would occur, even over the long term.

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- 3.0.6 The risk assessment process is a combination of probability and consequence, recognising that it may be possible to have a significant source of contamination beneath a site (such as a large below ground chemical storage tank) that may only present a relatively moderate to low risk (owing to the fact it may be contained within a secure concrete bund). Table 3.2 indicates how the actual nature of risk is established with Table 3.3 illustrating how the risk is interpreted in the context of contaminated land risk assessment.

Table 3.2: Risk Definition

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	

Table 3.3: Description of risks posed

Risk Definition	Description
Very High	Active pollutant linkages between a significant source of contamination and identified receptors have been establish and there is a high likelihood of severe harm occurring to said receptors unless immediate investigation and remediation action is not taken.
High Risk	Harm is likely to arise to receptors from an identified hazard in the short and long term. Urgent investigation of the contaminant issue will be required, and remedial treatment is likely.
Moderate Risk	The possibility of harm has been identified toward receptors under the right circumstances, although the severity of harm would be relatively mild. Further investigation of identified issues would be prudent and possible need for remedial measures in the long term.
Low Risk	It is possible harm could arise to a designated receptor from identified hazard, but it is likely (if realised) any harm would be (at worst) mild.
Very Low Risk	No significant pollutant linkages have been identified and the possibly of harm occurring to receptors is low.

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Potential Sources

3.0.7 Based on the current / historical uses of the site, and the surrounding area, the following potential sources of contamination / abnormal items have been identified:

- Current site operations – The sites operations as a car park and construction compound could constitute a potential source of contamination via the release of vehicle fuels and oils. However, it is likely that hardstanding and fuel interceptors within the surface water drainage network will restrict the mobility of any fuel or oil spillages and these are likely to be localised if they exist.
- On site migration of ground gas associated with infilled ponds – The historic map review identified a number of infilled ponds within 250m of the site. These ponds present a potential source of ground gas generation however their distance from the site and the presence of low permeability clay deposits will likely limit migration of any ground gas to the site.
- Elevated sulphates / sulphides in natural soils and underlying bedrock – There is a potential for natural soils and the underlying bedrock to possess elevated levels of sulphates / sulphides and subsequently present a risk of chemical attack to any below ground concrete structures.

Potential Pathways and Receptors

3.0.8 The following potential pathways and receptors have been identified for the above potential sources of contamination:

- End users of the site (future site users) could be at risk of exposure to contaminated soils / materials at the site via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas.
- Construction persons could also be at risk of exposure to contaminated soils via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas.
- On site migration of ground gas from nearby infilled ponds

3.0.9 Below ground structures such as concrete foundations or water supply pipe work could be at risk of chemical attack and damage as a result of aggressive ground conditions.

3.0.10 Table 3.4 (provided overleaf) assess and summarise the pollutant linkages that may exist at the site; the assessment has assumed that the site is to be redeveloped for as an 8-storey hotel with associated soft and hard landscaping and plant / refuse building.

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Table 3.4		Preliminary Conceptual Site Model					
Source		Pathway	Receptor	Severity	Probability	Risk definition	Comments
	Potential Oil / Fuel spills from sites current use as a car park / construction compound	Dermal contact and / or ingestion; inhalation of vapours / dusts	Current Site Users	Mild	Unlikely	Very low	The site is currently a car park and construction compound with a potential source of localised hydrocarbon contamination originating from fuel / oil spills. However, given the fact that the site is almost entirely hardstanding and the likely small magnitude of any spillages there is deemed to be a very low risk to current site users.
			Construction workers	Mild	Low likelihood	Low	Construction persons are considered to be at the greatest risk of exposure to contaminants during the site's redevelopment. The presence of as yet, unreported sources of contamination cannot be precluded.*
			Future Site Users	Mild	Unlikely	Very Low	The site is to be developed to comprise an 8-storey hotel building with an associated plant and refuse building and areas of soft and hard landscaping. No evidence of contaminants exceeding commercial screening criteria has been identified either on site or across the wider car park area. However, it is noted site uses have altered since previous investigation with subsequent construction works being undertaken to the north of the site and across the northern portion of the site. As such it is recommended that additional investigation of site soils is undertaken to establish if any impact has been caused as a result of this site use, although it is deemed unlikely given the site use and any impact will likely be negligible in the context of the proposed development and future site users. The same ground investigations will also be required to inform new building foundation design parameters and external areas.
			Ecological	Minor	Unlikely	Very Low	No sensitive ecological receptors have been identified and no significant sources of contamination have been identified.
		Leaching of contaminated soil & impact beneath site	Controlled Waters: Aquifer	Minor	Unlikely	Very Low	No surface water receptors are located on site or in close proximity to the site. The Devensian Till deposits are indicated as a Secondary Undifferentiated aquifer with the Bollin Mudstone Member indicated as a Secondary B aquifer, the site is not located within an EA Source Protection Zone. Given the above low sensitivity of aquifers, low permeability of site soils and lack of any identified significant potential sources of contamination there is deemed to be a very low risk to controlled waters from the site.
			Controlled Waters: Surface Water	Minor	Unlikely	Very Low	

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Table 3.4		Preliminary Conceptual Site Model					
Source		Pathway	Receptor	Severity	Probability	Risk definition	Comments
			Adjacent Sites	Minor	Unlikely	Very Low	Given the lack of any significant potential sources of contamination on site and the low permeability of site soils and bedrock there is deemed to be very low risk to adjacent sites.
		Below ground service runs	Below ground infrastructure & construction	Minor	Unlikely	Very Low	The desk-based assessment has identified the site has a low contaminative potential and the need for protective water supply pipe work is considered unlikely.
	Elevated sulphates / sulphides present within Devensian Till / Bollin Mudstone	Direct Contact / Leaching	Below ground service runs	Medium	Likely	Moderate	Naturally occurring elevations of sulphate concentrations may be present and all below ground concrete structures should be designed with reference to site specific soil chemical testing information.
	Infilled Ponds / organic matter within site soils	Ground gas Migration / Accumulation	Current Site Users	Severe	Unlikely	Low - Moderate	Given the open-air nature and current site uses present on site at the time of writing it is unlikely any significant risk is posed to current site users.
			Construction workers	Severe	Low Likelihood	Low - Moderate	Elevated levels of ground gas (particularly CO2 >5.0% volume have previously been detected across the wider site) likely attributable to nearby infilled ponds / organic matter within site soils. Working within enclosed spaces or below ground excavation presents additional risks with respect to ground gas. Appropriate personal ground gas detection equipment should be deployed by all site operatives when working in below ground or confined spaces.
			Future Site Users	Severe	Low Likelihood	Low - Moderate	Elevated levels of ground gas (particularly CO2 >5.0% volume have previously been detected across the wider site) likely attributable to nearby infilled ponds / organic matter within site soils. It is recommended additional gas monitoring is undertaken across the study site the categorise the risk posed by ground gas to future site users.

** It is considered the risks posed to construction personnel, by sources of contamination, can be adequately mitigated against via the use of full PPE and the adoption of good hygiene and site practices. As required, any suspected sources of contamination discovered during the site's development should be brought to the immediate attention of RoC Consulting to enable the implications to be established and appropriate remedial recommendations made. In the event of such a discovery the scope and findings of the current assessment will require re-assessment and revision*



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4.0 Conclusions & Recommendations

4.0.1 With respect to contaminated land issues, the report has identified

- The site currently comprises an area of tarmac surface car parking located to the north of the Voyager building within the wider Airport City development site. Observations from a site walkover survey (completed in September 2024) indicate the northern portion of the site to be occupied by a construction compound associated with the construction of the Plot H3 hotel to the north of the site. Only site cabins and a material laydown area were noted within the site boundary, fuel storage was located circa 150m to the northeast of the site. No potential sources of contamination were identified during the site walkover.
- Historically the site comprised agricultural fields associated with Woodhouse Farm up until 1990 when a car park was constructed across the site. In 2022 the site formed part of the construction compound for the construction of a new hotel on Plot H3 to the north of the site. These land uses present a potential source of contamination in the form of Metals, PAHs and TPH. Additionally, there is potential for naturally occurring elevated levels of sulphates and sulphides within natural soils and bedrock.
- There are limited potential pathways to both current and future receptors, particularly construction workers and future site users. Any contamination if present will likely be minor and localised, construction workers will likely be at the greatest risk, but it is deemed the use of adequate PPE and good hygiene practices will likely mitigate any risk from contaminants within site soils.
- Previous site investigations completed across the study site and Plot H3 to the north of the site have not identified any exceedances of contaminants within site soils when screened against commercial screening criteria and no significant sources of soil contamination have been identified. However, the site and surroundings have recently formed part of a construction compound not previously present during historic investigations with the potential to have introduced contaminants into site soils.
- The report for Plot H3 to the north of the site identified elevated CO² levels in line with a CIRIA 665 CS2 scenario and basic ground gas protection measures were recommended additionally CO² levels in excess of 5.0% volume were reported in the Brownfield Solutions Site Investigation Report.



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- 4.0.2 Site geology comprises Made Ground overlying thin superficial deposits of Devensian Till and Mudstone / siltstone bedrock of the Bollin Mudstone Member. These may support a variety of foundations but will require quantitative assessment prior to design, it is likely that given the mass of the building a piled foundation solution will be required for the main building and shallow foundations may potentially be feasible for the small plant / refuse building.
- 4.0.3 The site has been identified as having a low UXO risk by review of the Zetica online bomb risk maps.
- 4.0.4 No risks related to coal mining or brine extraction have been identified.
- 4.0.5 In view of the above, it is recommended that a programme of site investigation works be completed to further investigate the characteristics and strength of drift and bedrock deposits on site to establish foundation design parameters and support new building design. Consideration should also be given to establishing the presence of any potential contamination sources in site soils as well as assessing the presence of any ground gas. These geo-environmental aspects of work will be required to satisfy planning application and pre-commencement condition discharge associated with the proposed development of the site for hotel type end uses.



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5.0 Site Investigation Design

- 5.0.1 A Phase 2 site investigation should be undertaken prior to development and meaningful design, with respect to the findings of this Phase 1 Desktop Study; the main objectives of these works are to establish site wide ground conditions to support new building foundation design, as well as identify and delineate any sources of contamination that may be present on site.
- 5.0.2 Principal elements of these works should include:
- Rotary borehole drilling to depths of 15m to assess ground conditions, obtain rock core samples and enable design of foundations through subsequent laboratory testing to support the proposed development. Rotary boreholes will also facilitate the installation of groundwater monitoring wells to establish groundwater depth.
 - Window sample drilling to depths of 5mbgl to assess shallow ground conditions establish depth to rockhead across the site and install ground gas monitoring wells to assess ground gas risks during subsequent ground gas monitoring visits.
 - Soil sampling to assess human health contamination risks and to assess any aggressive ground conditions that may be present.
 - Geotechnical testing of obtained soil and rock samples to further inform foundation design



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APPENDIX A - SITE PHOTOS & DRAWINGS



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All contractors must visit the site and be responsible for taking and checking all dimensions relative to their work. 5plus architects are to be advised of any variation between drawings and site conditions.

Electronic data/ drawings issued as 'read only' and should not be interrogated for measurement. All dimensions and levels should be 'read only' from those values stated in text, on the drawings

— Denotes Plot H5 Area Boundary

REV: | DATE: | DETAILS:

5plus

Manchester. 0161 228 0211
Fourth Floor, The Hive, 47 Lever Street,
Manchester. M1 1FN

London. 0207 253 7644
The Leather Market, Weston Street,
London SE1 3ER

PROJECT:
Manchester Airport City
Plot H5

www.5plusarchitects.com

TITLE:
Plot H5 Airport City Manchester
Site Plan

SCALE: 1:500 @ A3 ORIGIN DATE: 05/07/23 DRAWN: SA CHECKED: JB

STATUS:

PROJECT 06050 DRAWING NO: -5PA-00-DR-A-900002

REV: 0



NOTES

ES103 LEGEND

- ROC BH109 2016 BOREHOLE LOCATION
BS A/B/C 2014 BS BOREHOLE LOCATION
ROC BH201 2020 ROC BOREHOLE LOCATION

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4700-ROC-ZZ-XX-RP-ES-PH1DTS
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. PROPOSED SITE LAYOUT TAKEN FROM 5 PLUS ARCHITECTS DRAWING 06050-SPA-B1-00-DR-A-900002
4. ROC CONSULTING ACCEPTS NOT RESPONSIBILITY FOR ANY DAMAGES OR LOSS ARISING AS A RESULT OF THE USE OF THIS DRAWING

01	29.08.24	BH LOCATION PLAN	JF	RM
REV	DATE	DETAILS	DRN	CHK

DRAWING STATUS
INFORMATION

RIBA STAGE

ROC

CONSULTING

Commercial Wharf
6 Commercial Street
Manchester M15 4PZ
T 0161 214 5390
W rocconsulting.com

DRAWN JF	DATE 29/08/24	SCALES 1:200
CHECKED RM	DATE 29/08/24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD. MN	DATE 29/08/24	EMAIL FOR DRAWINGS info@rocconsulting.com

CLIENT
MAG GROUP

PROJECT TITLE
4700 PREMIER INN

DRAWING TITLE
HISTORIC BOREHOLE
LOCATION PLAN
(PROPOSED SITE)

DRAWING No. 4700-ROC-ZZ-XX-DR-ES-ES103	REV. 01
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**COMPLEX CHALLENGES...
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View north from southern boundary



View west along southern boundary

**COMPLEX CHALLENGES...
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View south from western boundary



View north from western boundary



**COMPLEX CHALLENGES...
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View west from northern site boundary



View west from eastern site boundary

**COMPLEX CHALLENGES...
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View west from eastern site boundary



Material lay down / storage area in western portion of site



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APPENDIX B - HISTORICAL MAPS

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		Minor Roads		
	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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	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
	Civil Parish		
	BP, BS		Ch
	CH		F E Sta
	FB		Fn
	GP		MP
	MS		Pol Sta
	PO		PC
	PH		SB
	Spr		TCB
	TCP		W

1:10,000 Raster Mapping

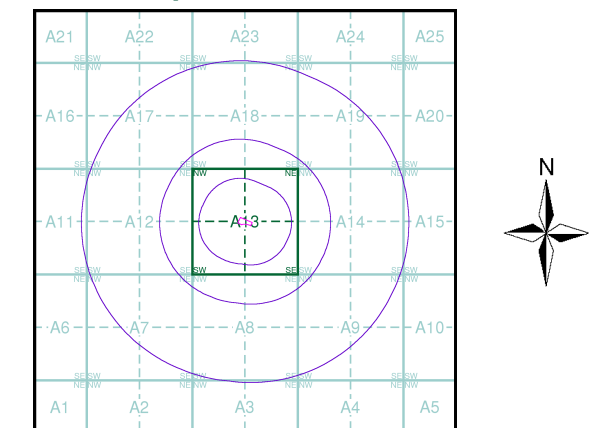
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cheshire	1:10,560	1882	3
Cheshire	1:10,560	1899	4
Cheshire	1:10,560	1910 - 1911	5
Cheshire	1:10,560	1911	6
Cheshire	1:10,560	1911	7
Cheshire	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1954	9
Ordnance Survey Plan	1:10,000	1967	10
Manchester	1:25,000	1975	11
Ordnance Survey Plan	1:10,000	1976 - 1977	12
Ordnance Survey Plan	1:10,000	1990	13
Ordnance Survey Plan	1:10,000	1996	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2024	17

Historical Map - Slice A



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550

Landmark
INFORMATION GROUP

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

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 (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	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 Water Level Mark

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

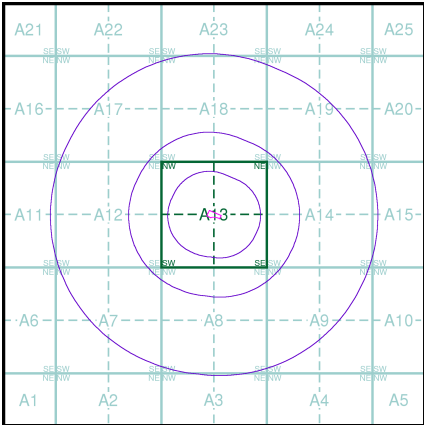
Key to Numbers on Mapping



Historical Mapping & Photography included:

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Web: www.envirocheck.co.uk



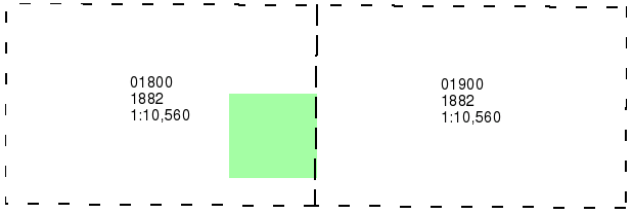
Cheshire

Published 1882

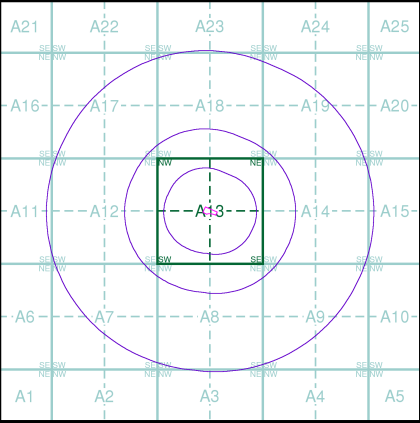
Source map scale - 1:10,560

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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Cheshire

Published 1899

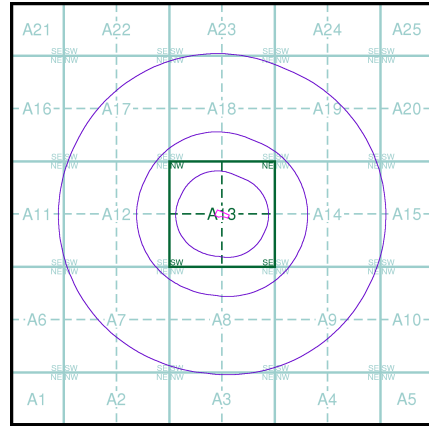
Source map scale - 1:10,560

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)

018NE 1899 1:10,560	
018SE 1899 1:10,560	019SW 1899 1:10,560

Historical Map - Slice A



Order Details

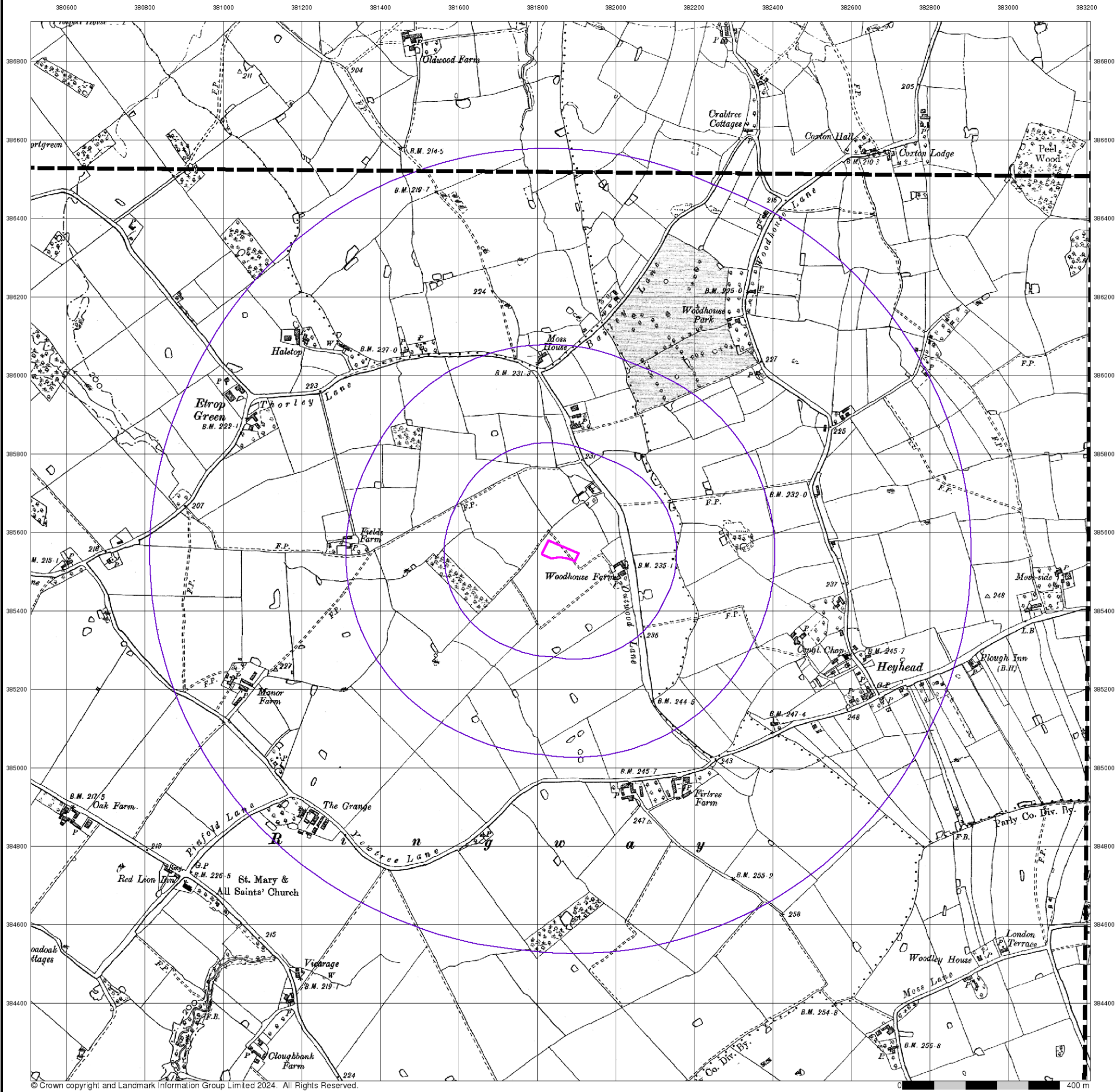
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Cheshire

Published 1910 - 1911

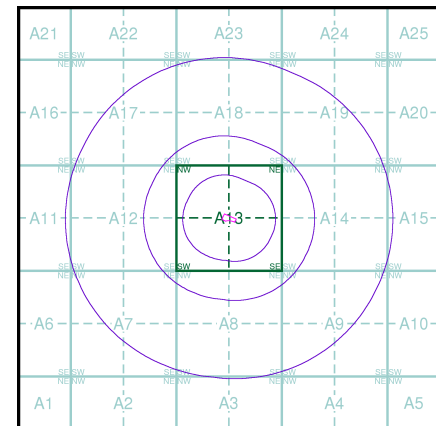
Source map scale - 1:10,560

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)

018NE 1911 1:10,560	
018SE 1910 1:10,560	019SW 1911 1:10,560

Historical Map - Slice A



Order Details

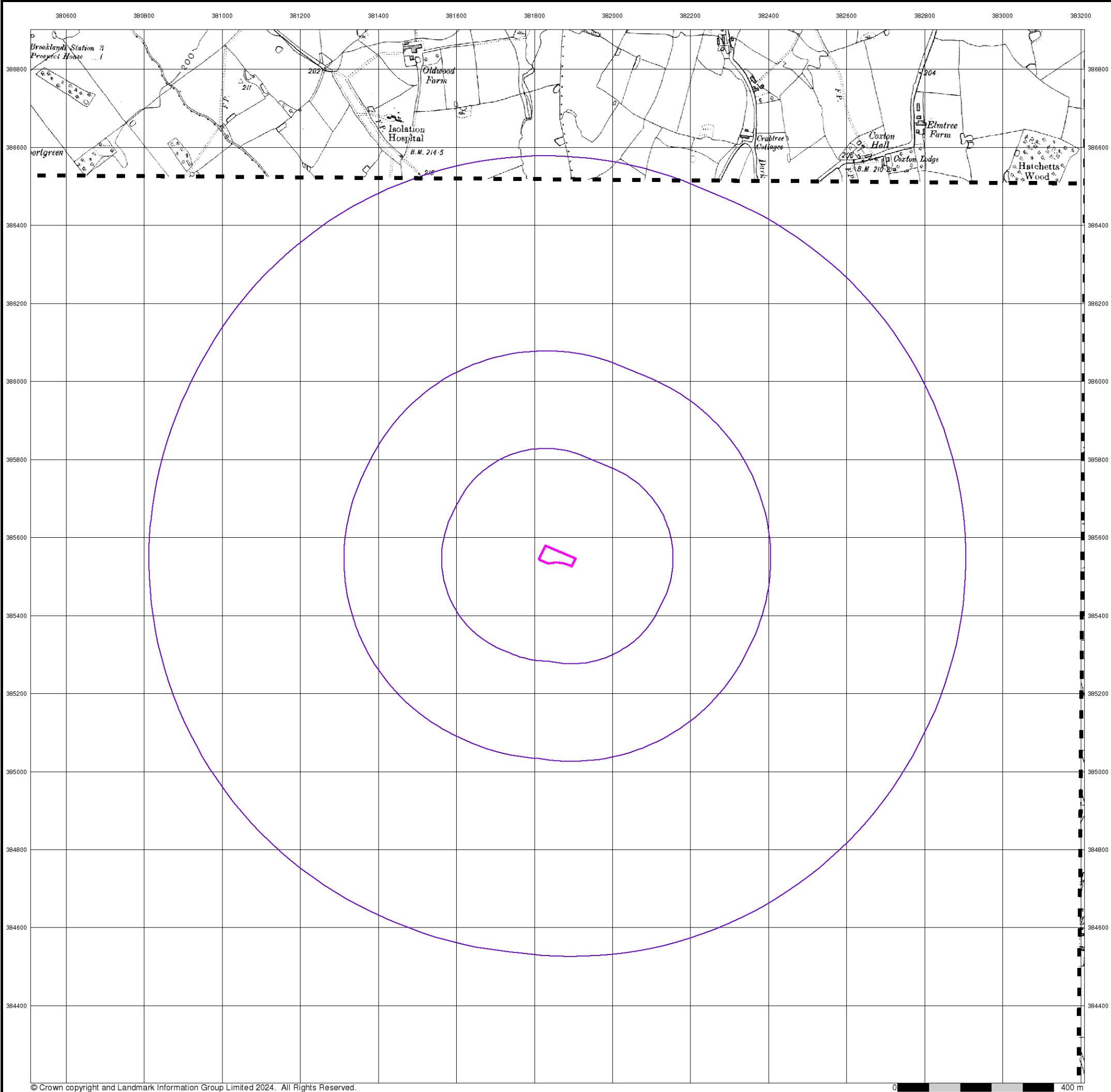
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550

Landmark
INFORMATION GROUP

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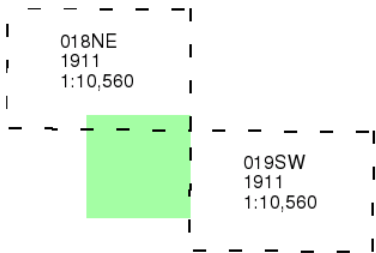
Cheshire

Published 1911

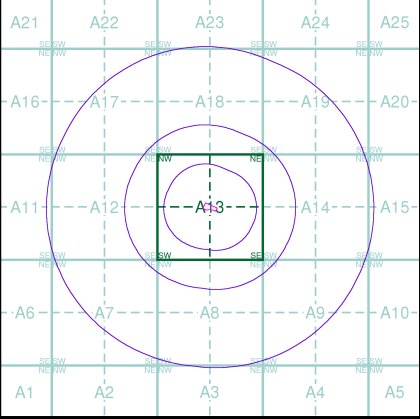
Source map scale - 1:10,560

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

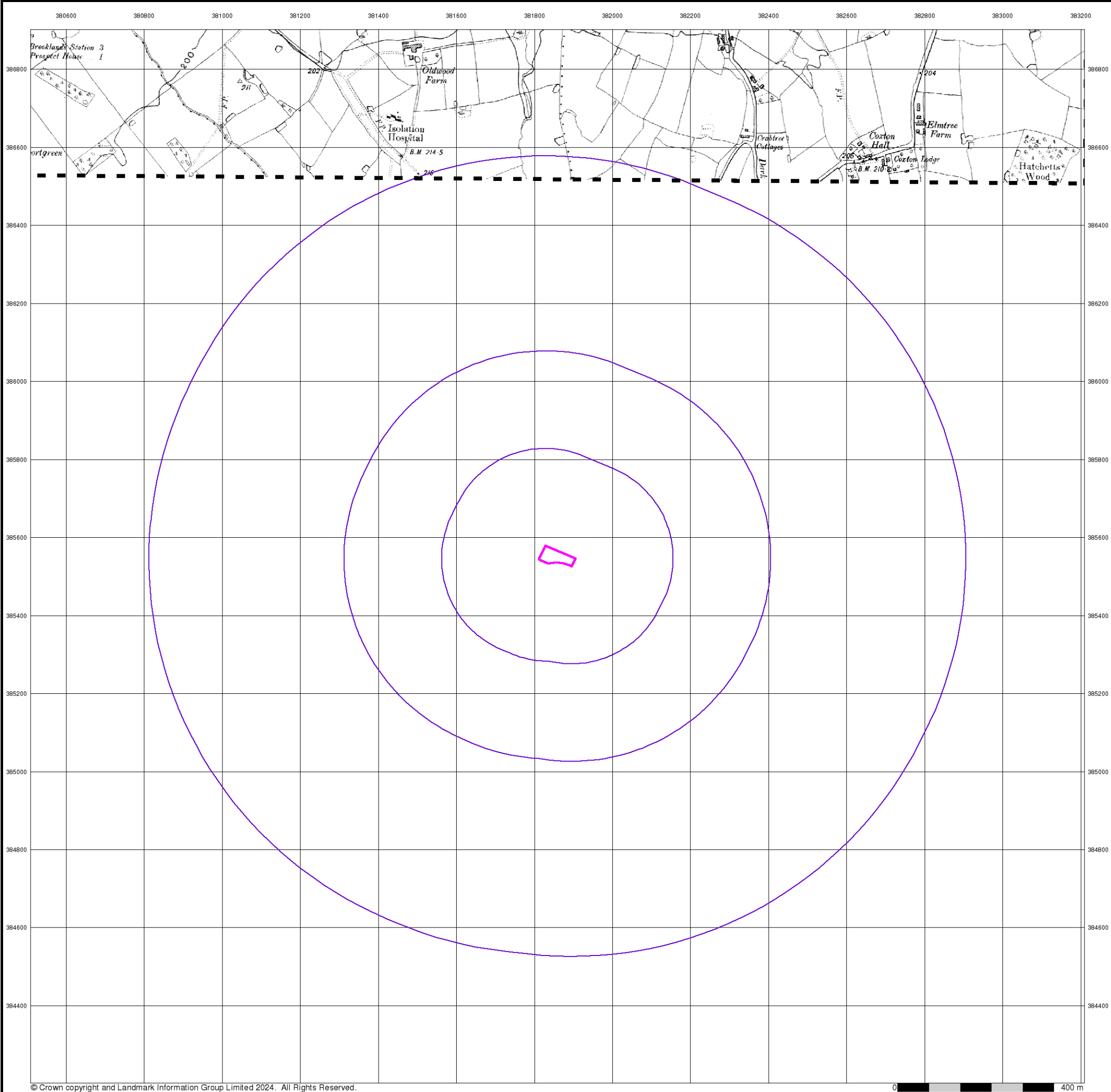
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Cheshire

Published 1911

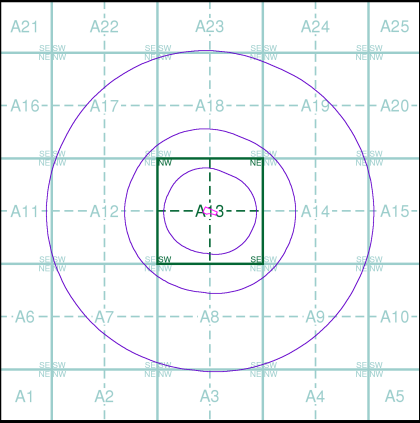
Source map scale - 1:10,560

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)

018NE
1911
1:10,560

Historical Map - Slice A



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
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Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Cheshire

Published 1938

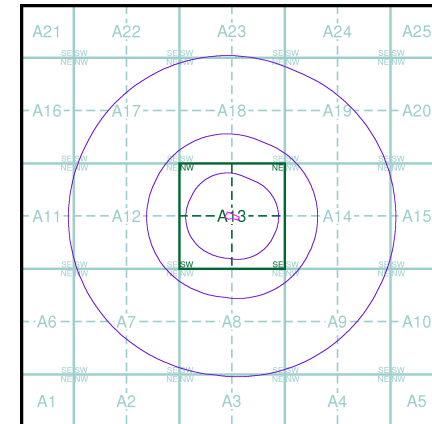
Source map scale - 1:10,560

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)

018NE 1938 1:10,560	
018SE 1938 1:10,560	019SW 1938 1:10,560

Historical Map - Slice A



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

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Landmark[®]
INFORMATION GROUP

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Ordnance Survey Plan

Published 1954

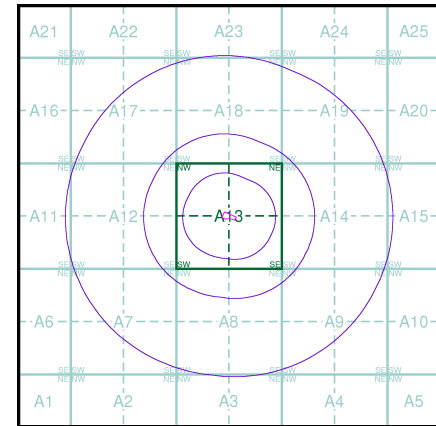
Source map scale - 1:10,000

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)

SJ88NW	1954
1:10,560	
SJ88SW	1954
1:10,560	

Historical Map - Slice A



Order Details

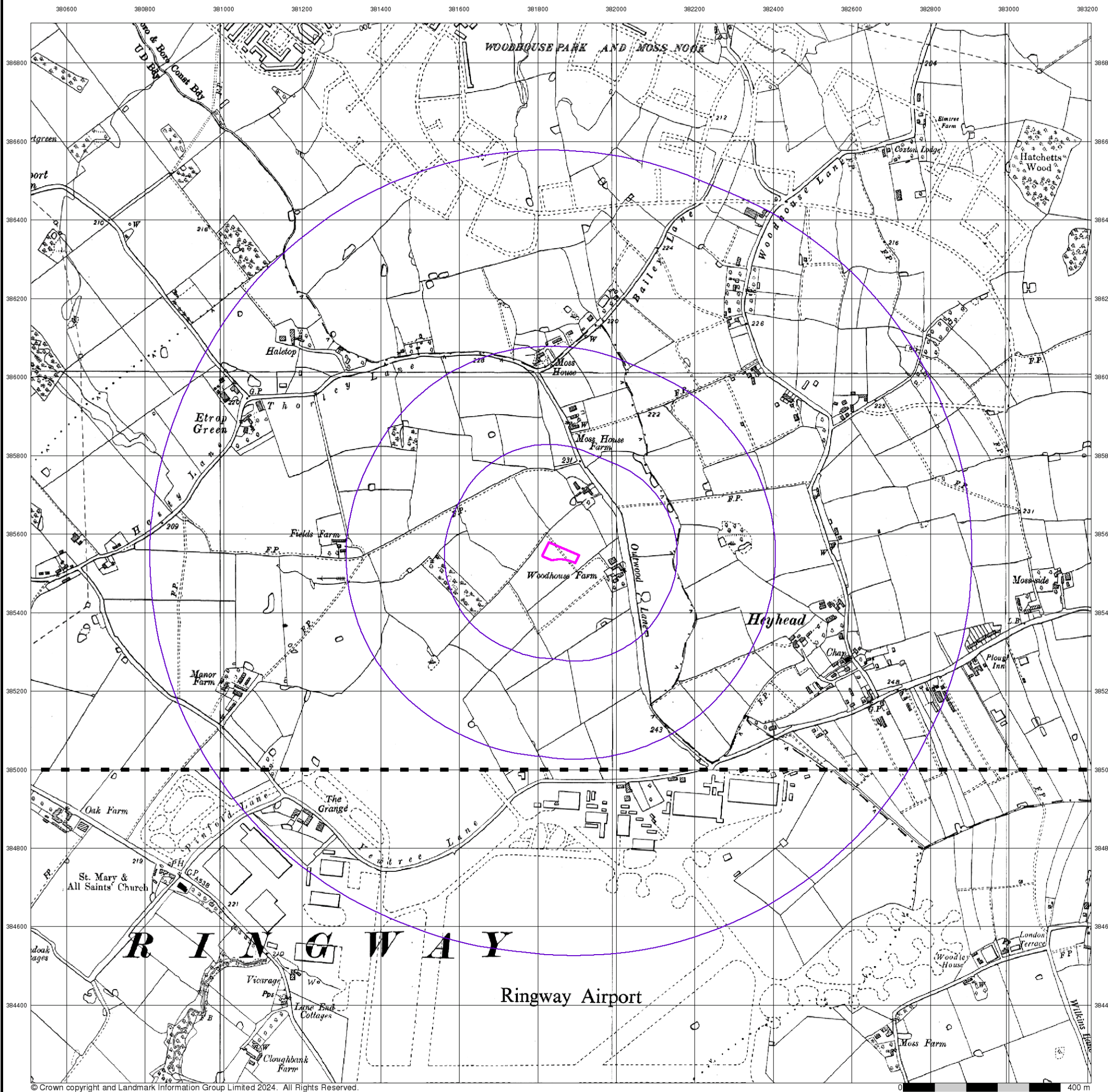
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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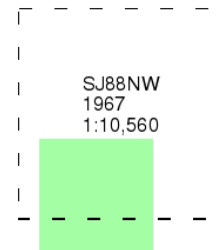
Ordnance Survey Plan

Published 1967

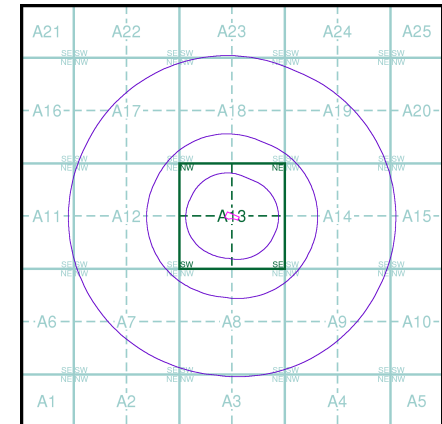
Source map scale - 1:10,000

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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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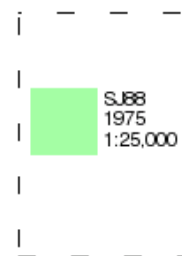
Manchester

Published 1975

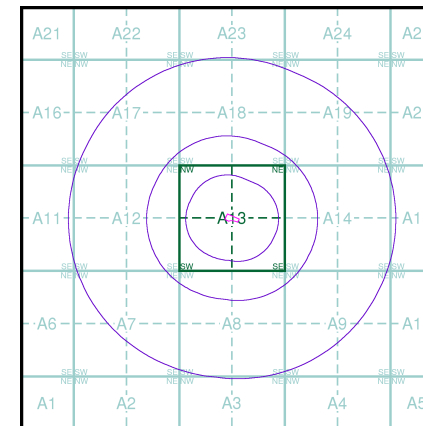
Source map scale - 1:25,000

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)



Russian Map - Slice A



Order Details

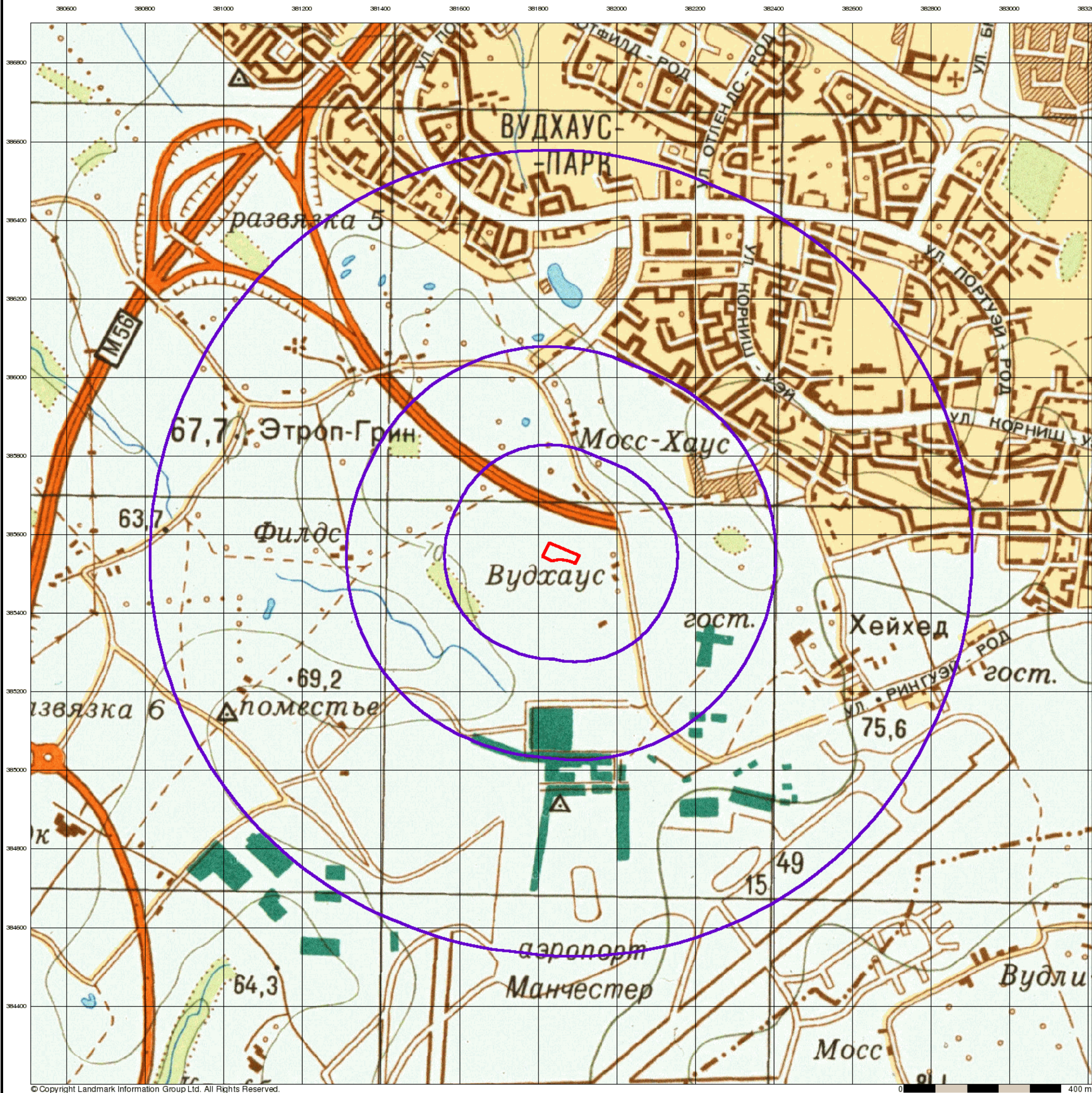
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

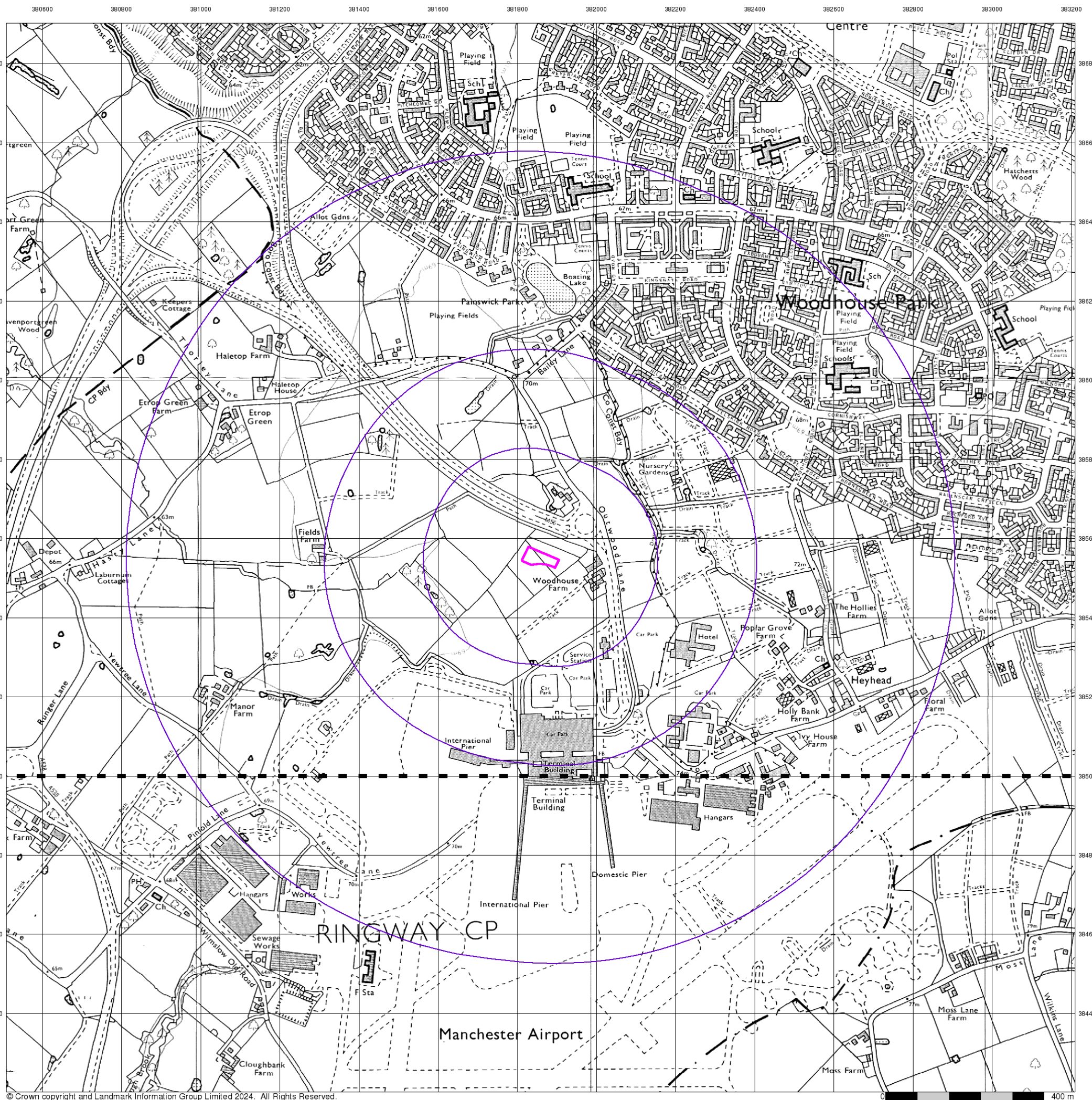
Site Details

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Ordnance Survey Plan

Published 1976 - 1977

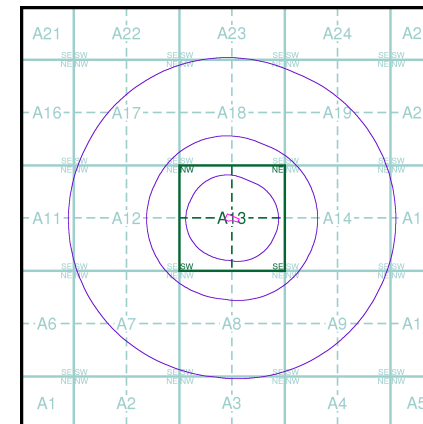
Source map scale - 1:10,000

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)

SJ88NW	1977
1:10,000	
SJ88SW	1976
1:10,000	

Historical Map - Slice A



Order Details

Order Number:	355732361_1_1
Customer Ref:	4700
National Grid Reference:	381860, 385550
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

Site at 381870, 385550



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Ordnance Survey Plan

Published 1990

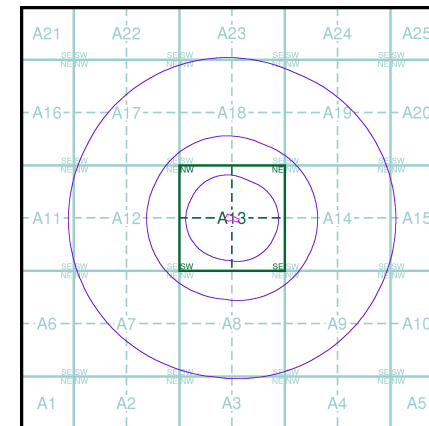
Source map scale - 1:10,000

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)

SJ88NW
1990
1:10,000
SJ88SW
1990
1:10,000

Historical Map - Slice A



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550

Landmark
INFORMATION GROUP

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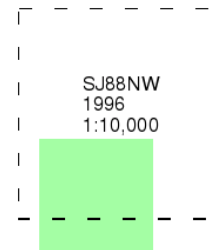
Ordnance Survey Plan

Published 1996

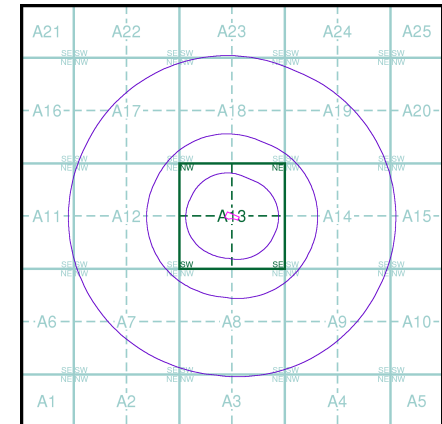
Source map scale - 1:10,000

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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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10k Raster Mapping

Published 1999

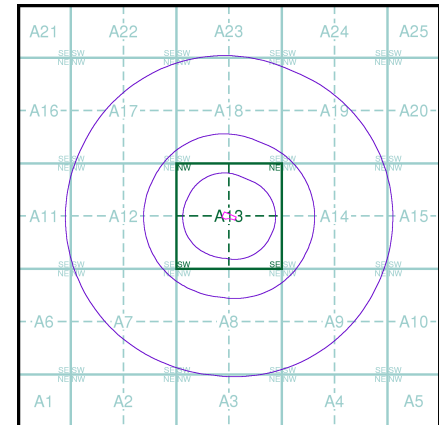
Source map scale - 1:10,000

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)

SJ88NW	1999
1:10,000	
SJ88SW	1999
1:10,000	

Historical Map - Slice A



Order Details

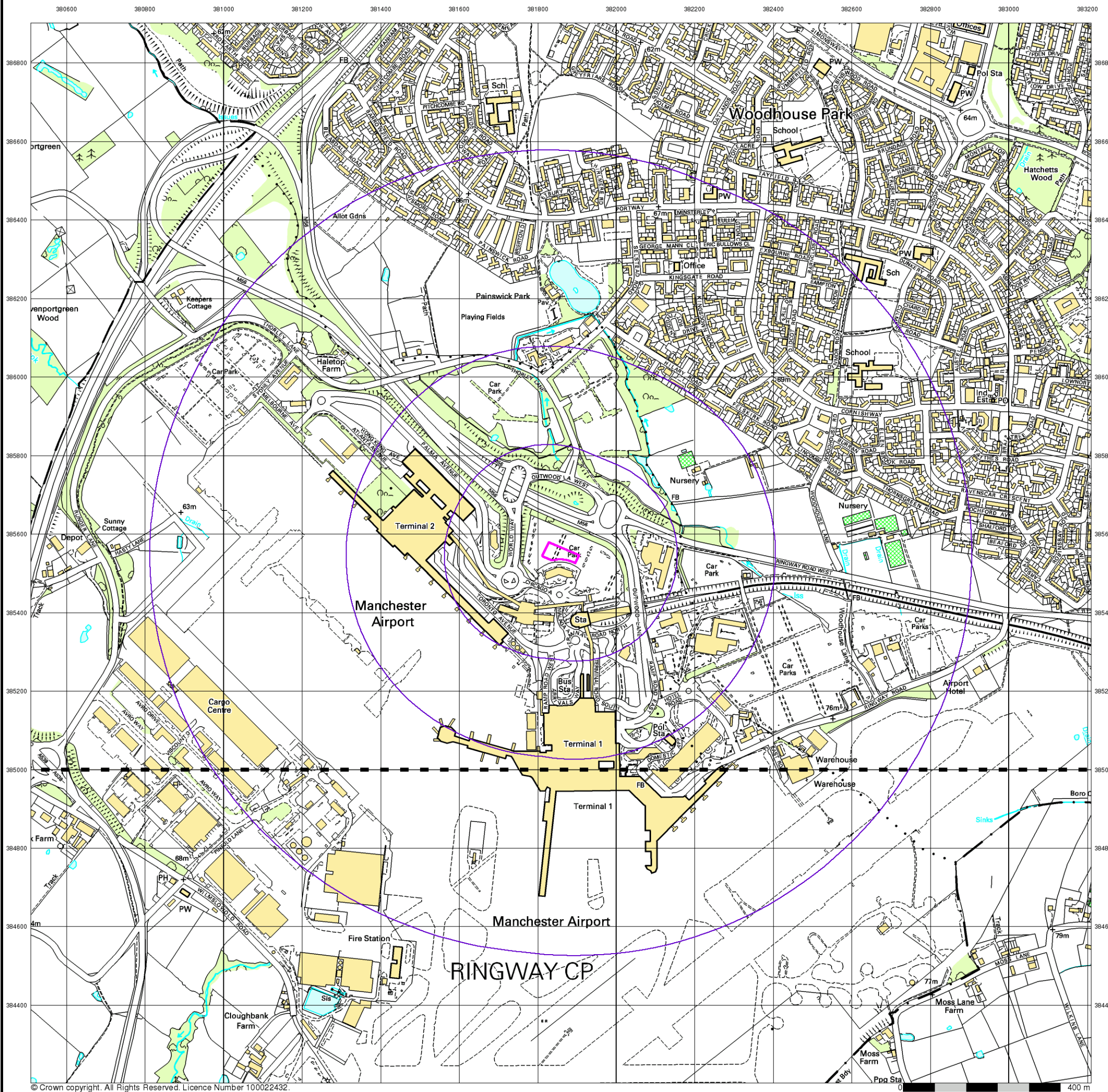
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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10k Raster Mapping

Published 2006

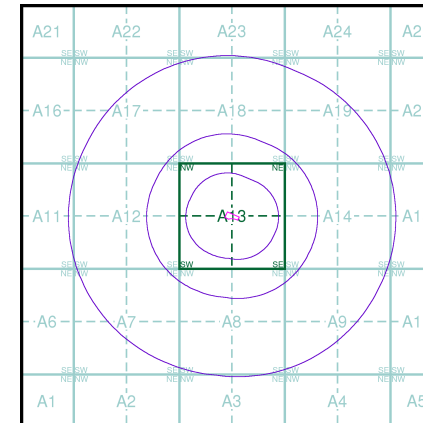
Source map scale - 1:10,000

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)

SJ88NW
2006
1:10,000
SJ88SW
2006
1:10,000

Historical Map - Slice A



Order Details

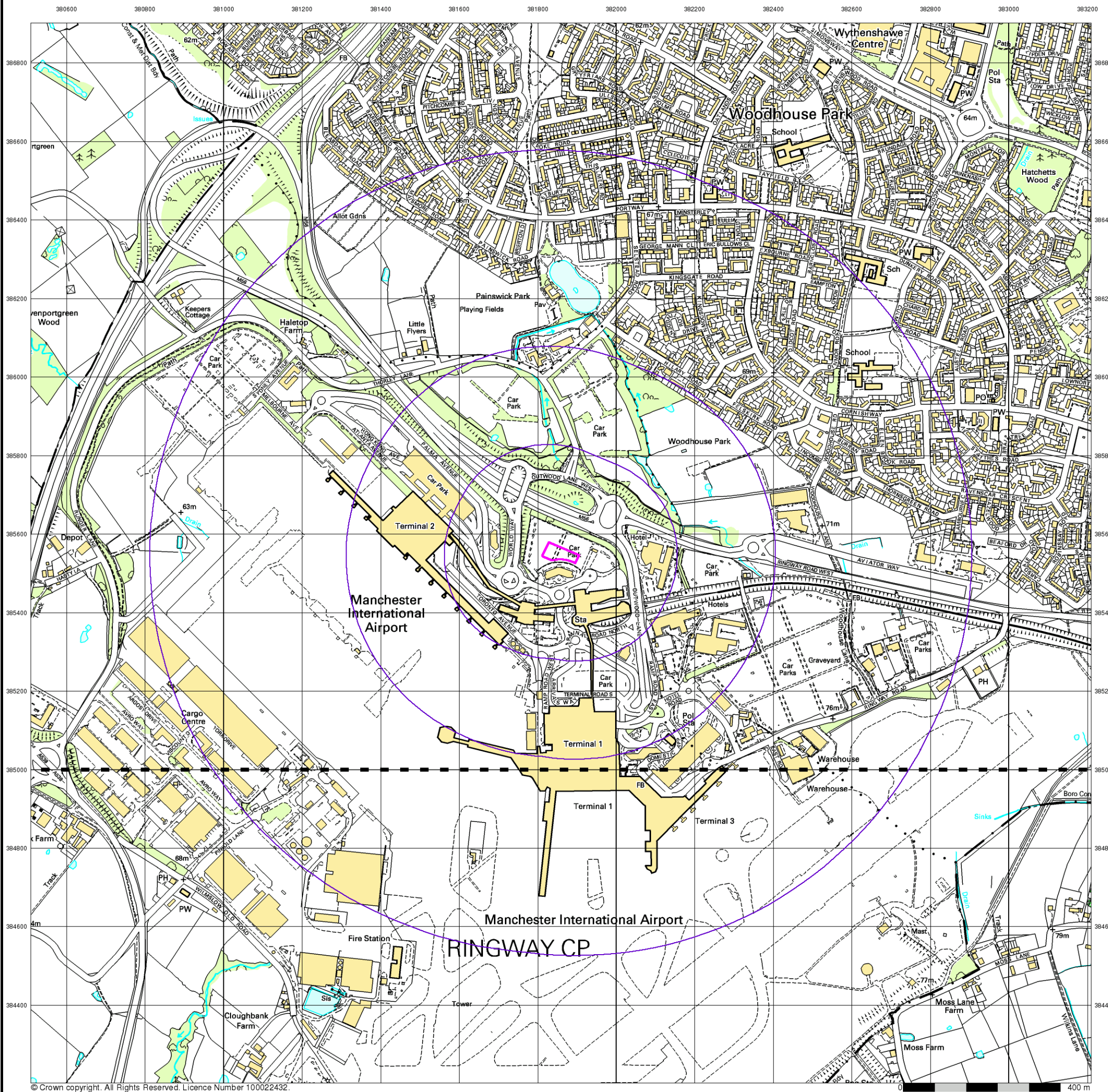
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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VectorMap Local

Published 2024

Source map scale - 1:10,000

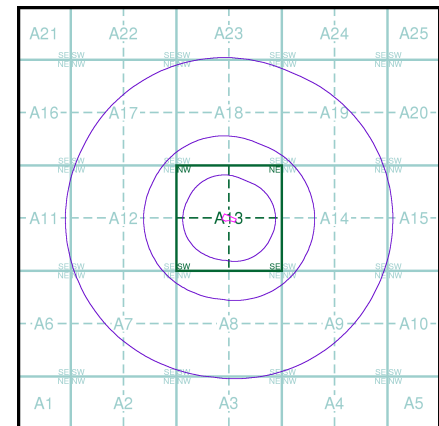
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap 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)

SJ88NW
2024
Variable

SJ88SW
2024
Variable

Historical Map - Slice A



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

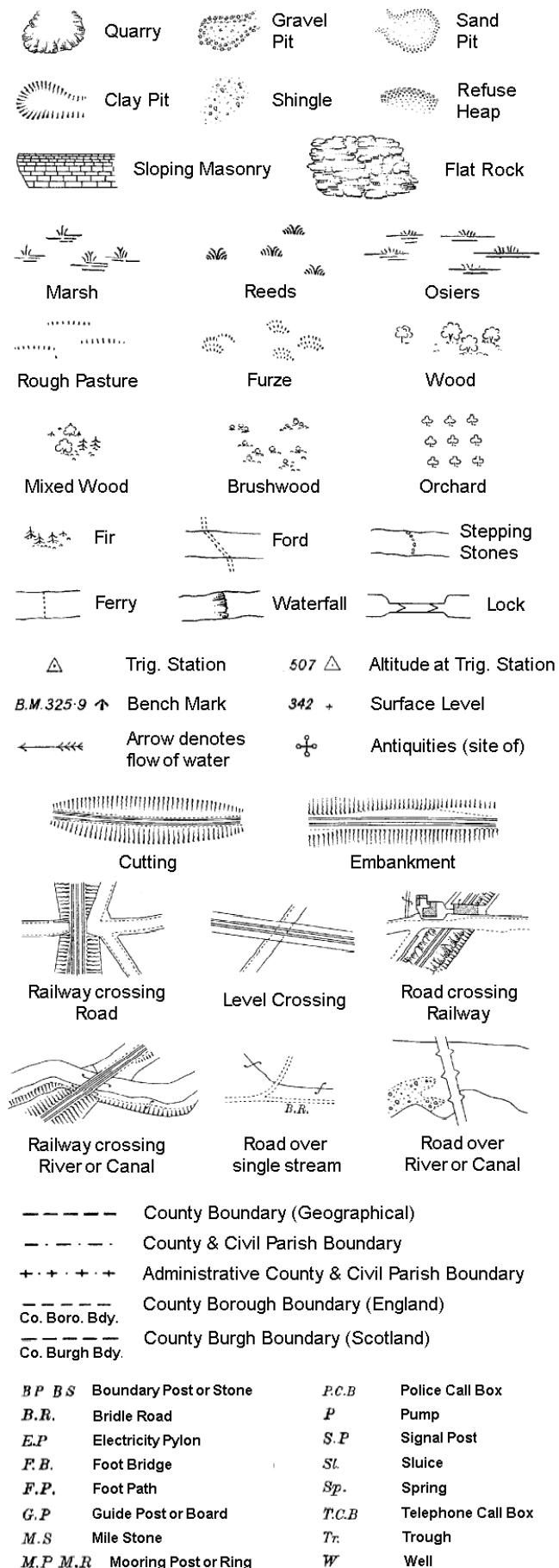
Site at 381870, 385550

Landmark
INFORMATION GROUP

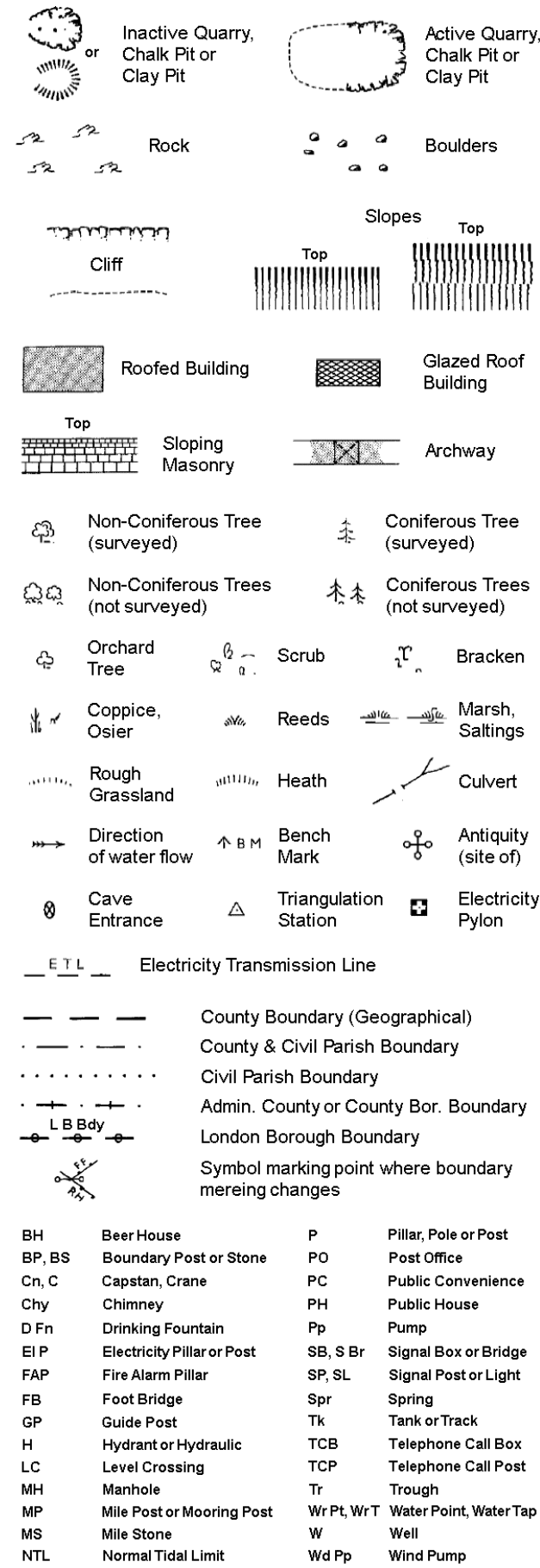
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

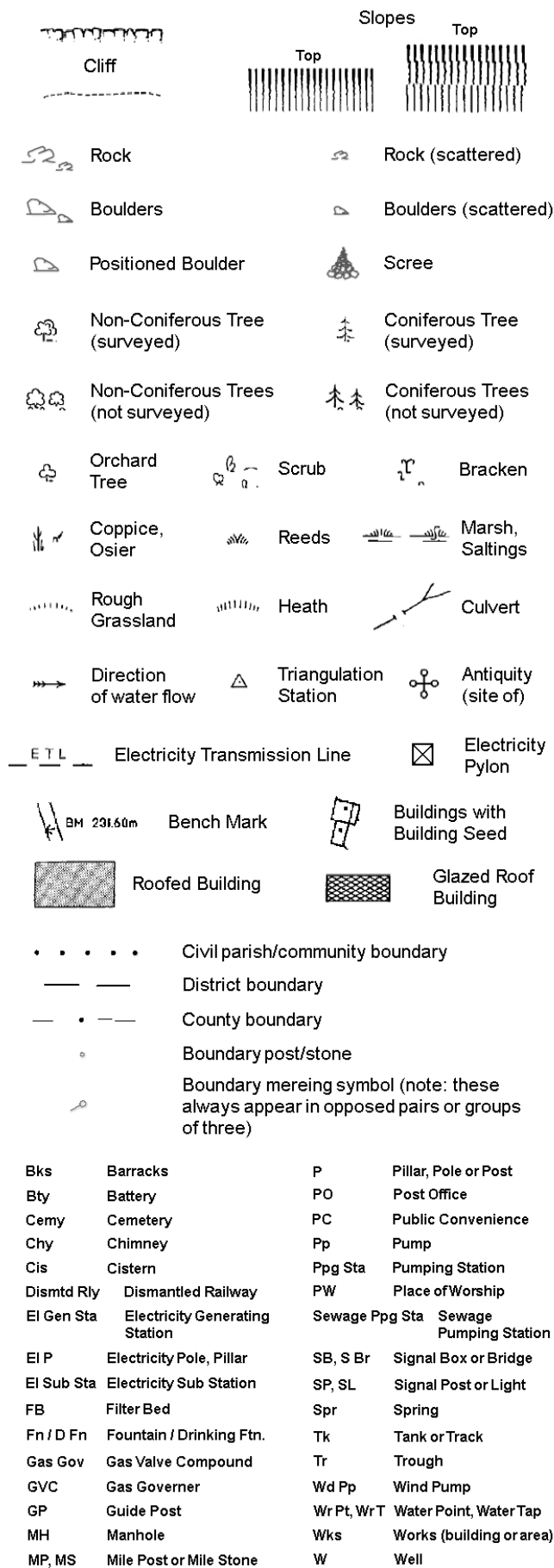
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



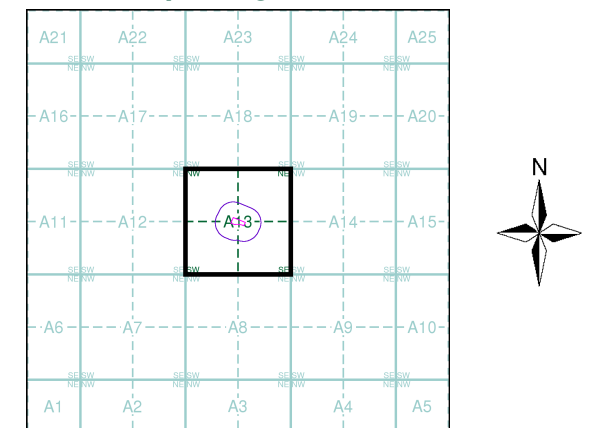
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cheshire	1:2,500	1872	2
Cheshire	1:2,500	1898	3
Cheshire	1:2,500	1909	4
Lancashire And Furness	1:2,500	1935	5
Ordnance Survey Plan	1:1,250	1960 - 1963	6
Ordnance Survey Plan	1:2,500	1961 - 1964	7
Ordnance Survey Plan	1:1,250	1967 - 1989	8
Supply of Unpublished Survey Information	1:1,250	1974	9
Additional SIMs	1:1,250	1974 - 1987	10
Ordnance Survey Plan	1:1,250	1976	11
Additional SIMs	1:1,250	1987 - 1990	12
Large-Scale National Grid Data	1:1,250	1992	13
Large-Scale National Grid Data	1:1,250	1993 - 1995	14
Large-Scale National Grid Data	1:1,250	1995	15
Large-Scale National Grid Data	1:1,250	1996	16
Large-Scale National Grid Data	1:1,250	1996	17
Historical Aerial Photography	1:2,500	2000	18

Historical Map - Segment A13



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 381870, 385550



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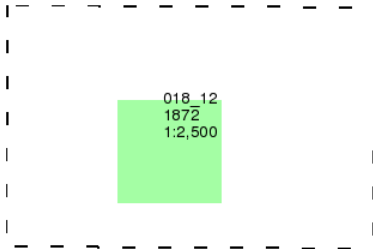
Cheshire

Published 1872

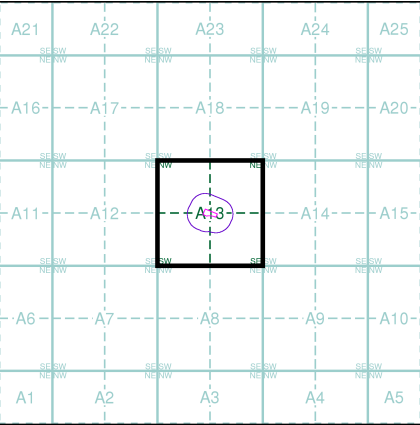
Source map scale - 1:2,500

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

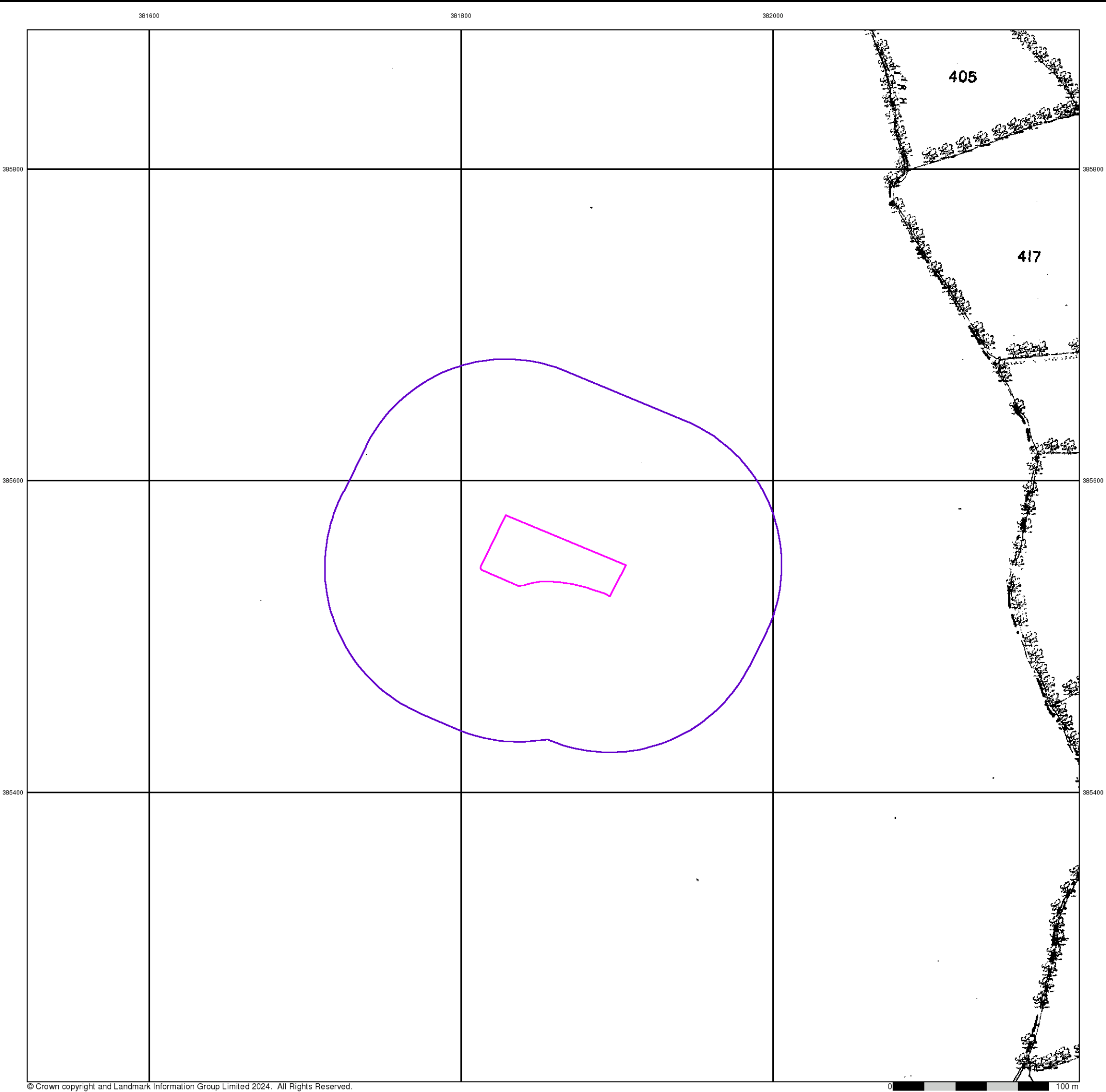
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Search Buffer (m): 100

Site Details

Site at 381870, 385550



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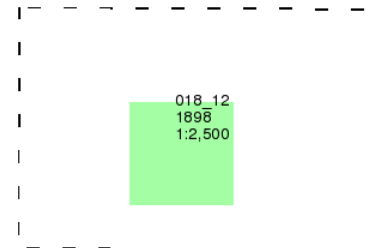
Cheshire

Published 1898

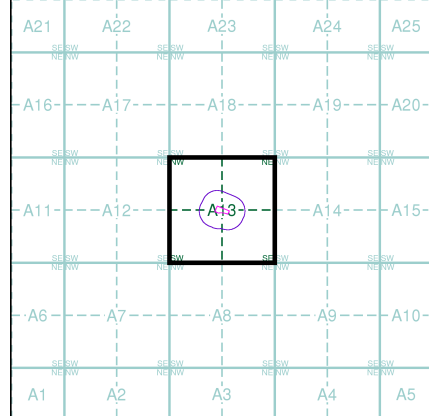
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

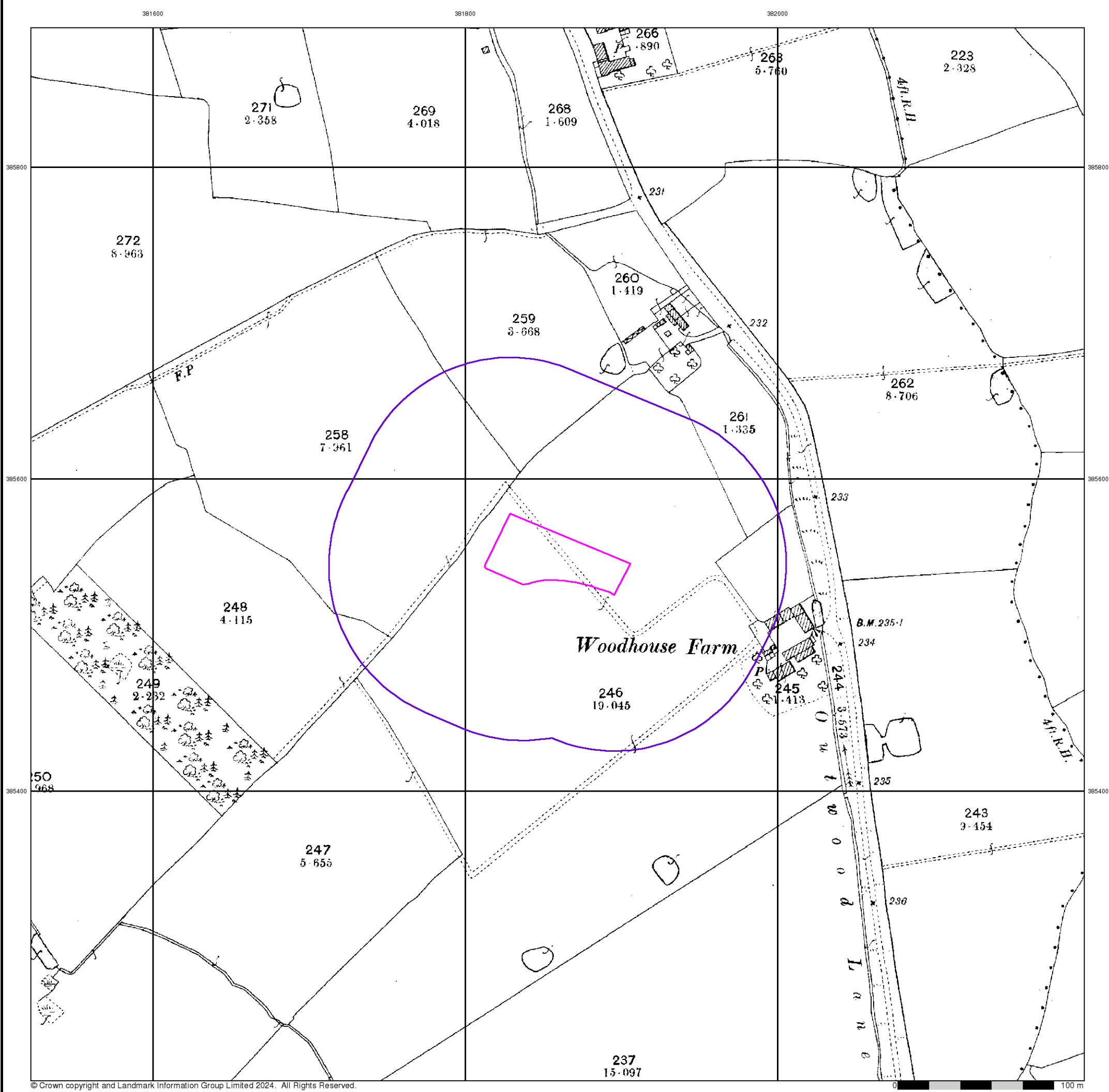
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Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 381870, 385550



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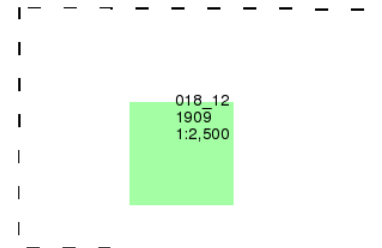
Cheshire

Published 1909

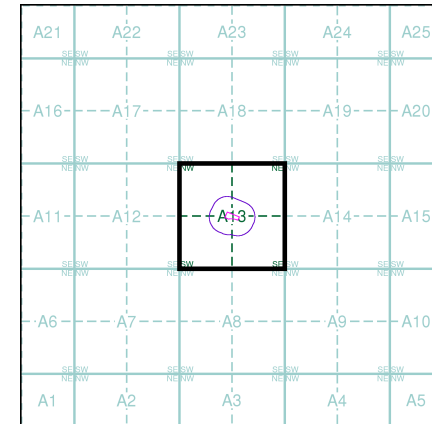
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

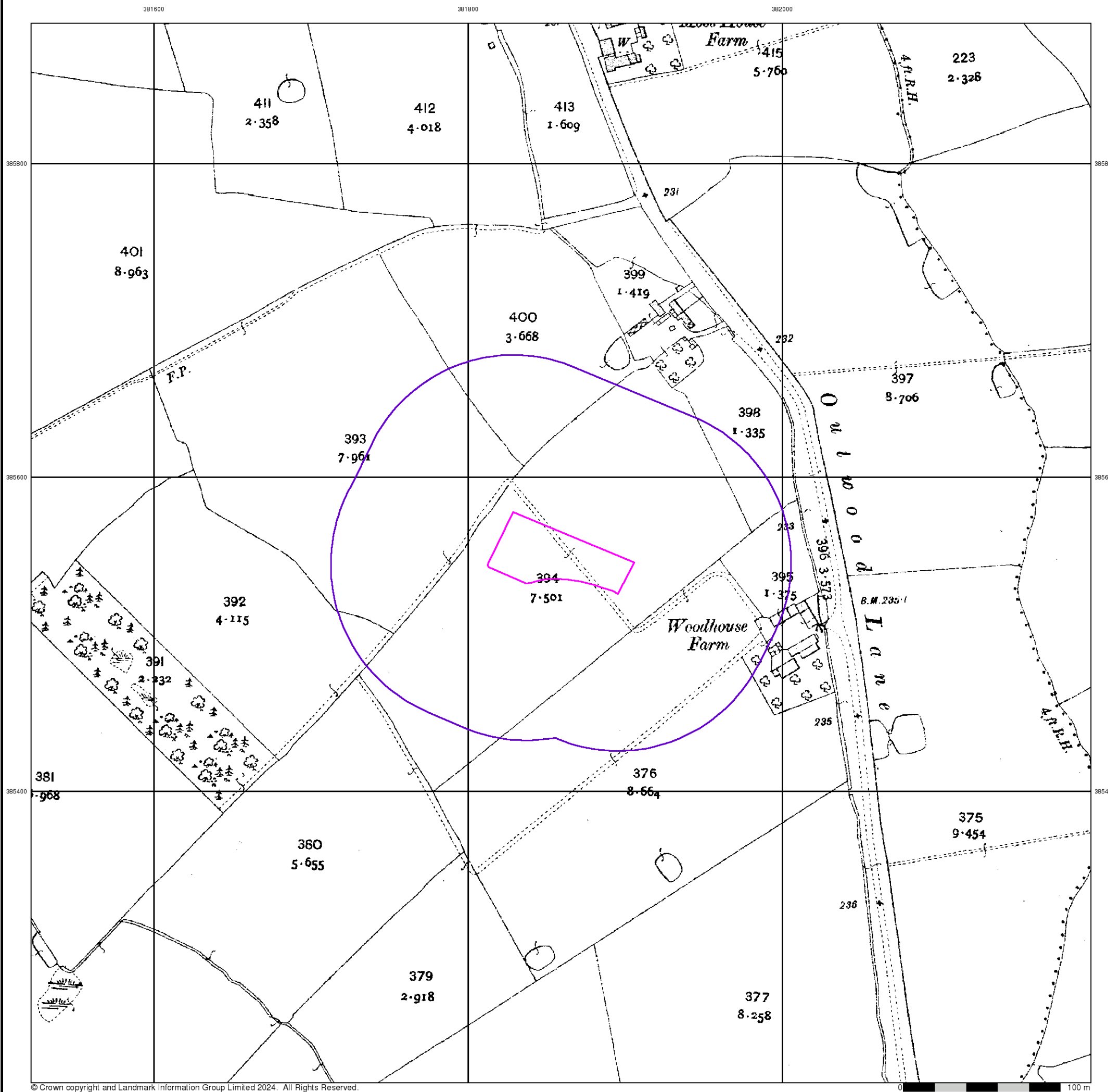
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Customer Ref: 4700
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Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

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Lancashire And Furness

Published 1935

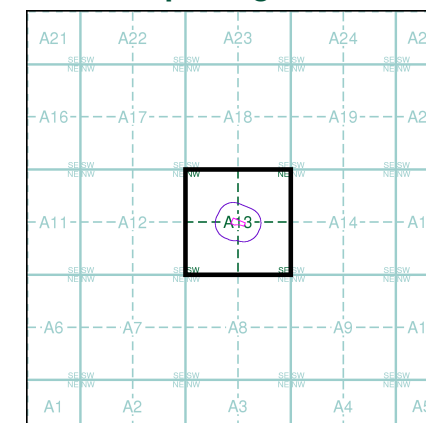
Source map scale - 1:2,500

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)

111A_05 1935 1:2,500	111A_06 1935 1:2,500
111A_09 1935 1:2,500	111A_10 1935 1:2,500

Historical Map - Segment A13



Order Details

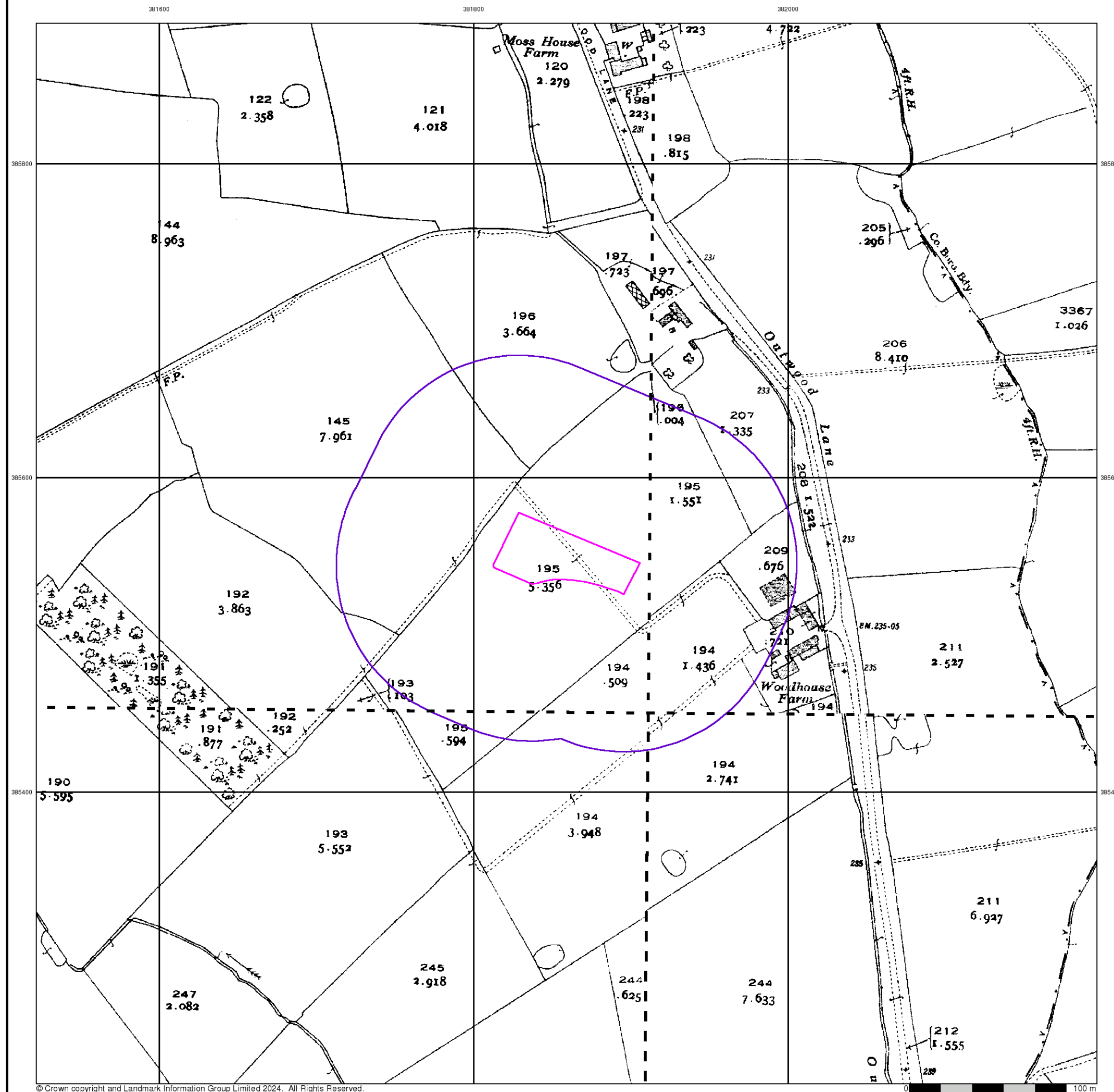
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1960 - 1963

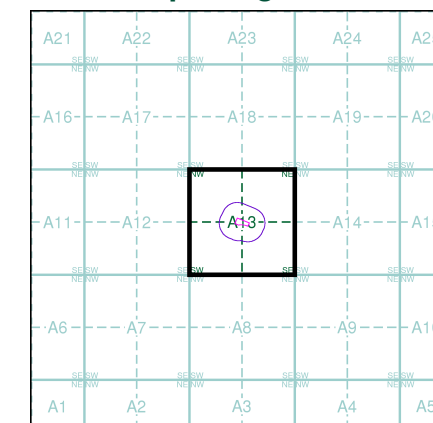
Source map scale - 1:1,250

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)

SJ8185NE	SJ8285NW
1963	1960
1,1,250	1,1,250
SJ8185SE	SJ8285SW
1963	1960
1,1,250	1,1,250

Historical Map - Segment A13



Order Details

Order Number:	355732361_1_1
Customer Ref:	4700
National Grid Reference:	381860, 385550
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	100

Site Details

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Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1967 - 1989

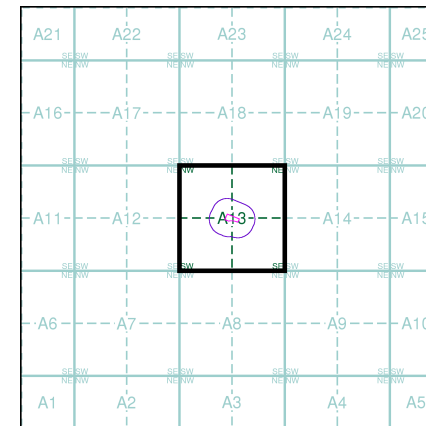
Source map scale - 1:1,250

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)

SJ8185NE	SJ8285NW
1974	1989
1:1,250	1:1,250
SJ8185SE	SJ8285SW
1976	1967
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

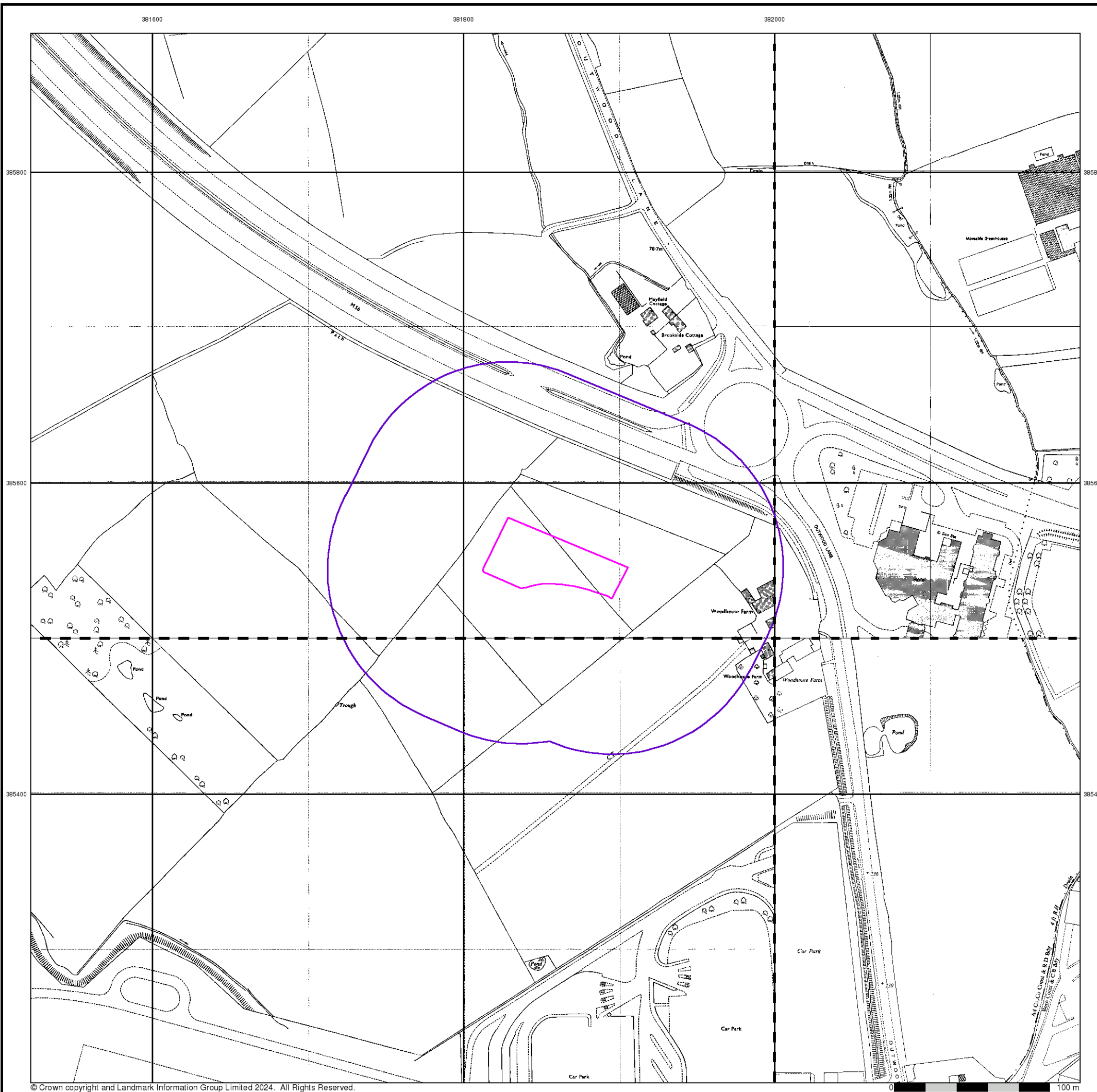
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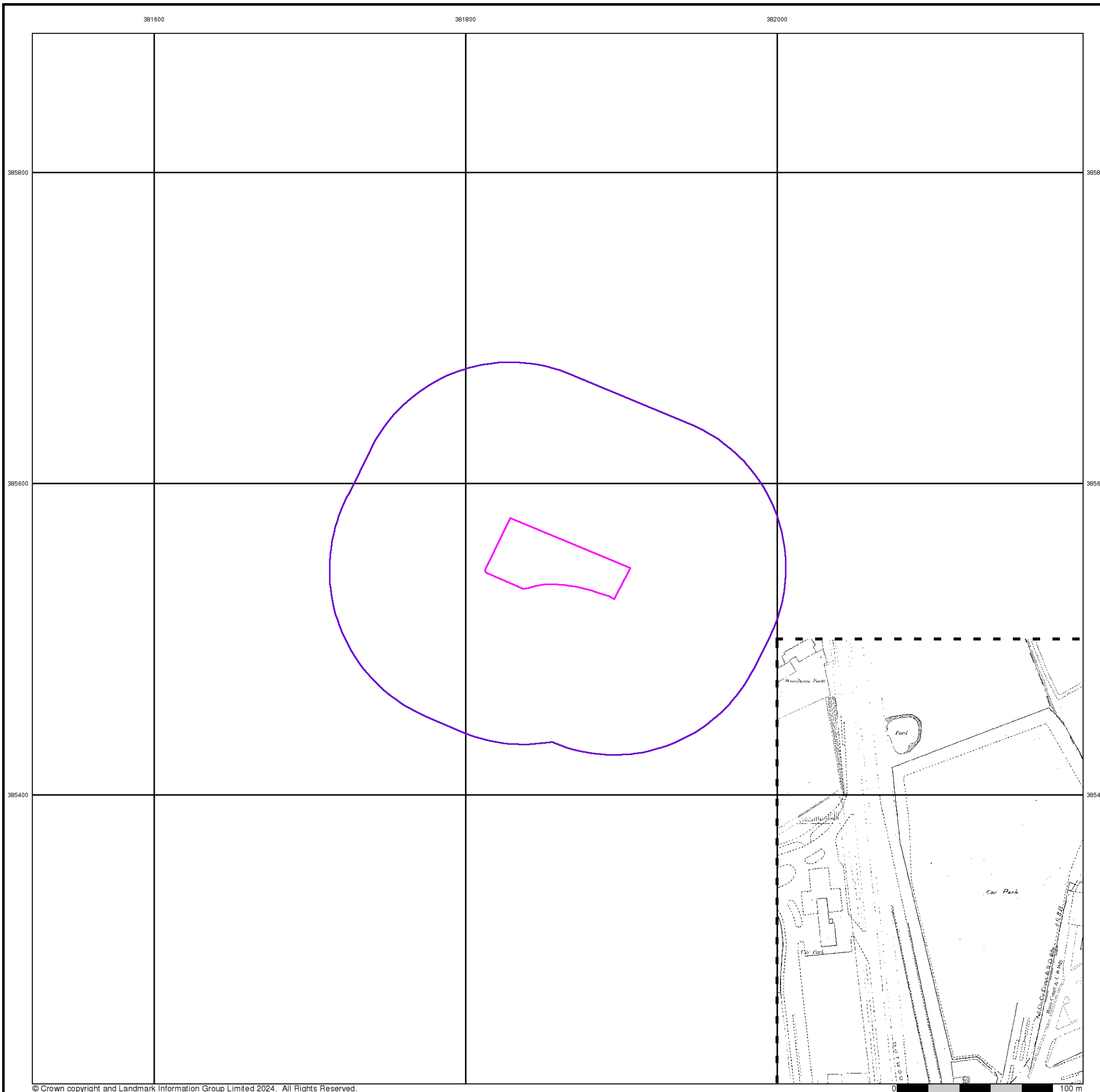
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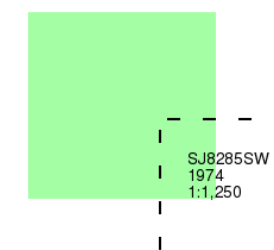
Supply of Unpublished Survey Information

Published 1974

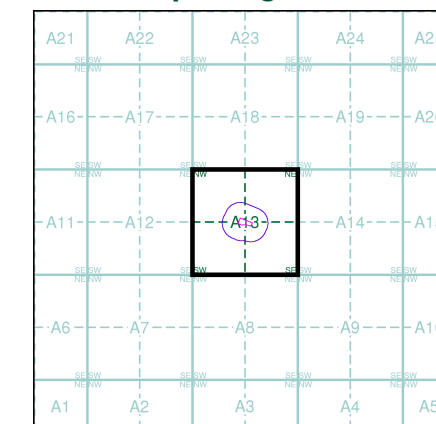
Source map scale - 1:1,250

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

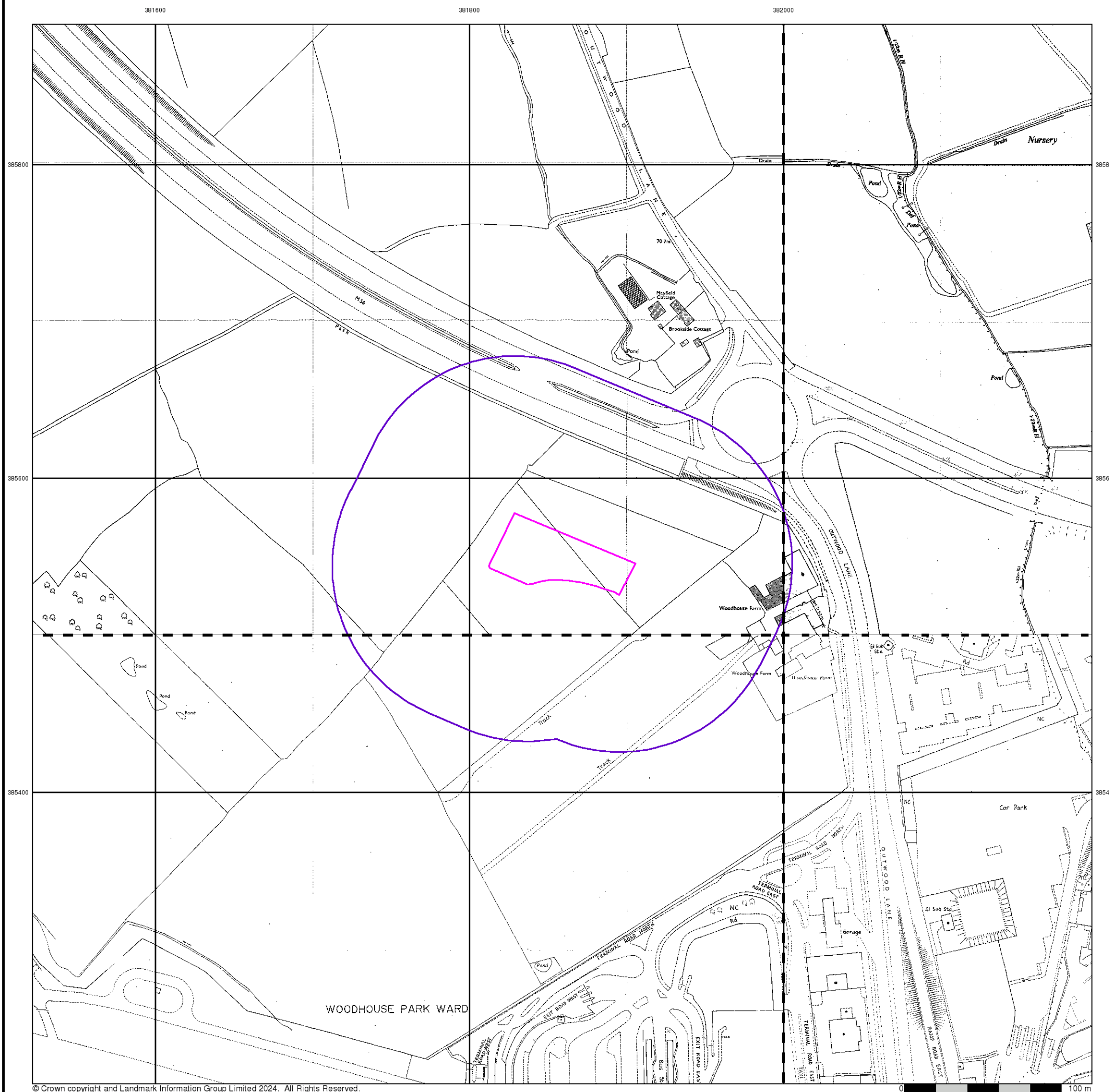
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Search Buffer (m):	100

Site Details

Site at 381870, 385550



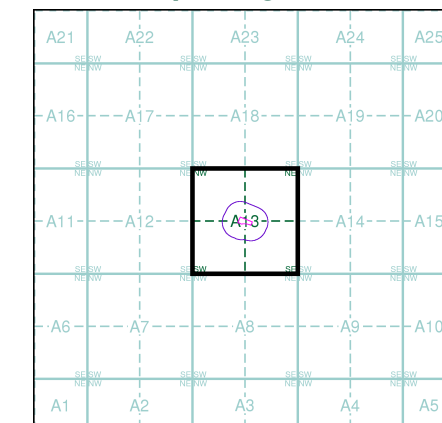
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Published 1974 - 1987

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.

SJ8185NE 1974 1:1,250	SJ8285NW 1986 1:1,250
SJ8185SE 1987 1:1,250	SJ8285SW 1987 1:1,250



Order Details



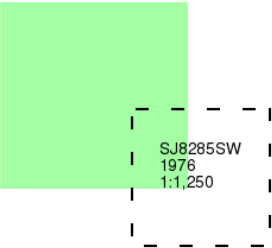
Ordnance Survey Plan

Published 1976

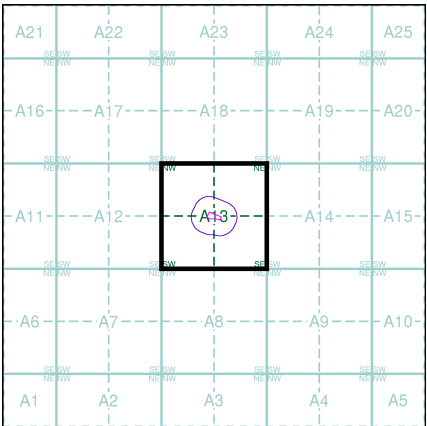
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

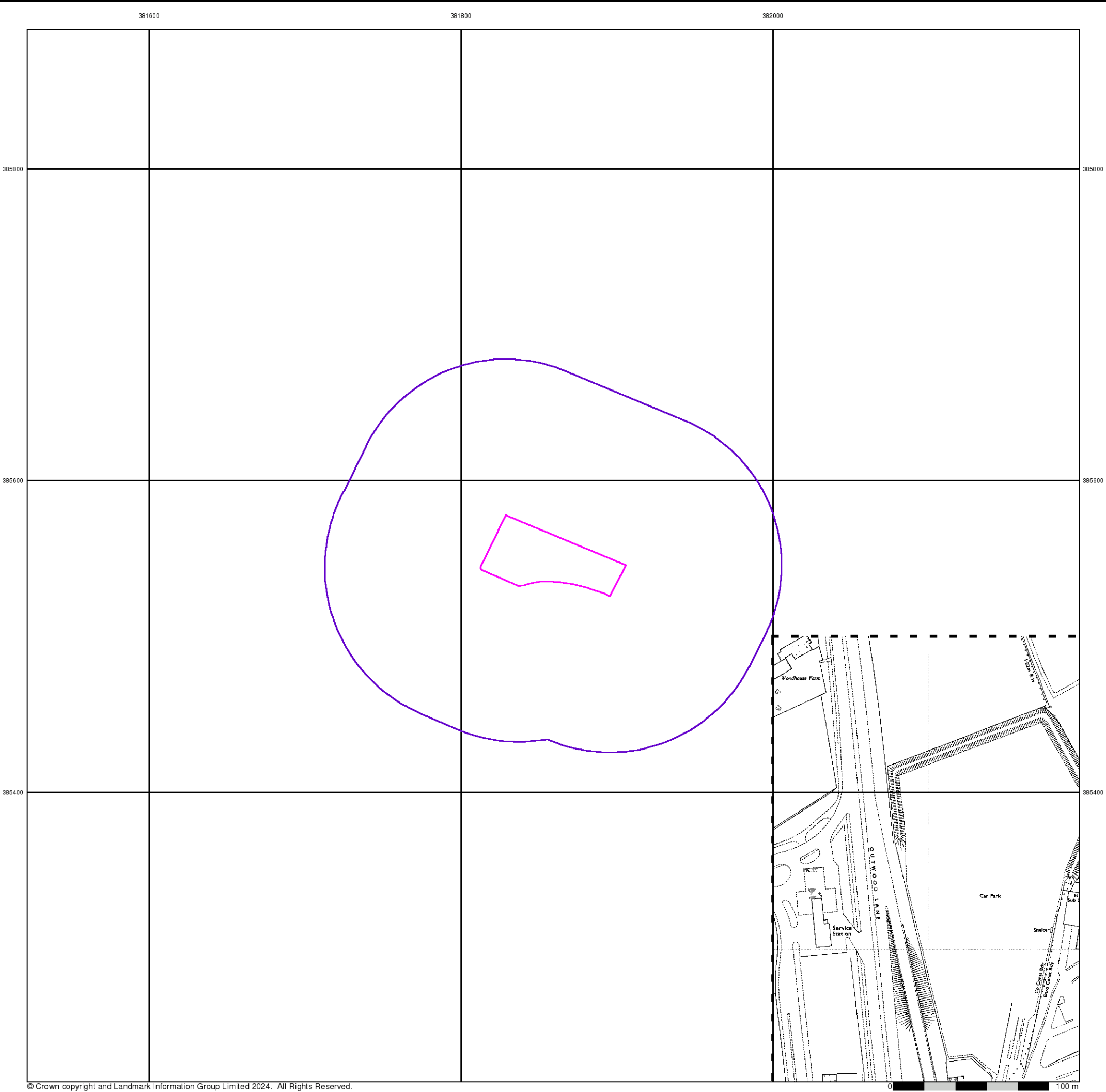
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

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Additional SIMs

Published 1987 - 1990

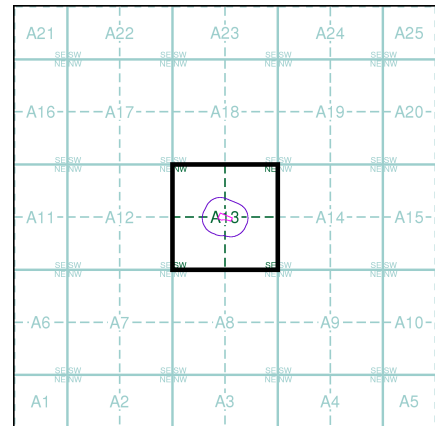
Source map scale - 1:1,250

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)

SJ8185NE	SJ8285NW
1990	1987
1:1,250	1:1,250
SJ8185SE	SJ8285SW
1990	1990
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993 - 1995

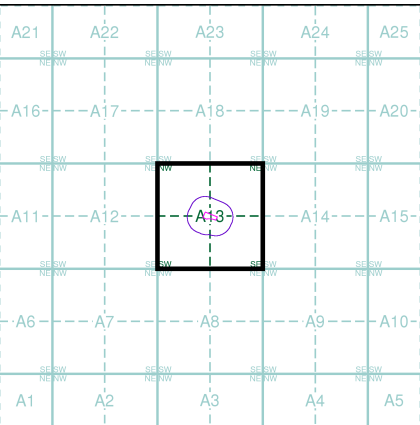
Source map scale - 1:1,250

'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)

SJ8185NE 1993 1:1,250	SJ8285NW 1995 1:1,250
SJ8185SE 1993 1:1,250	SJ8285SW 1993 1:1,250

Historical Map - Segment A13



Order Details

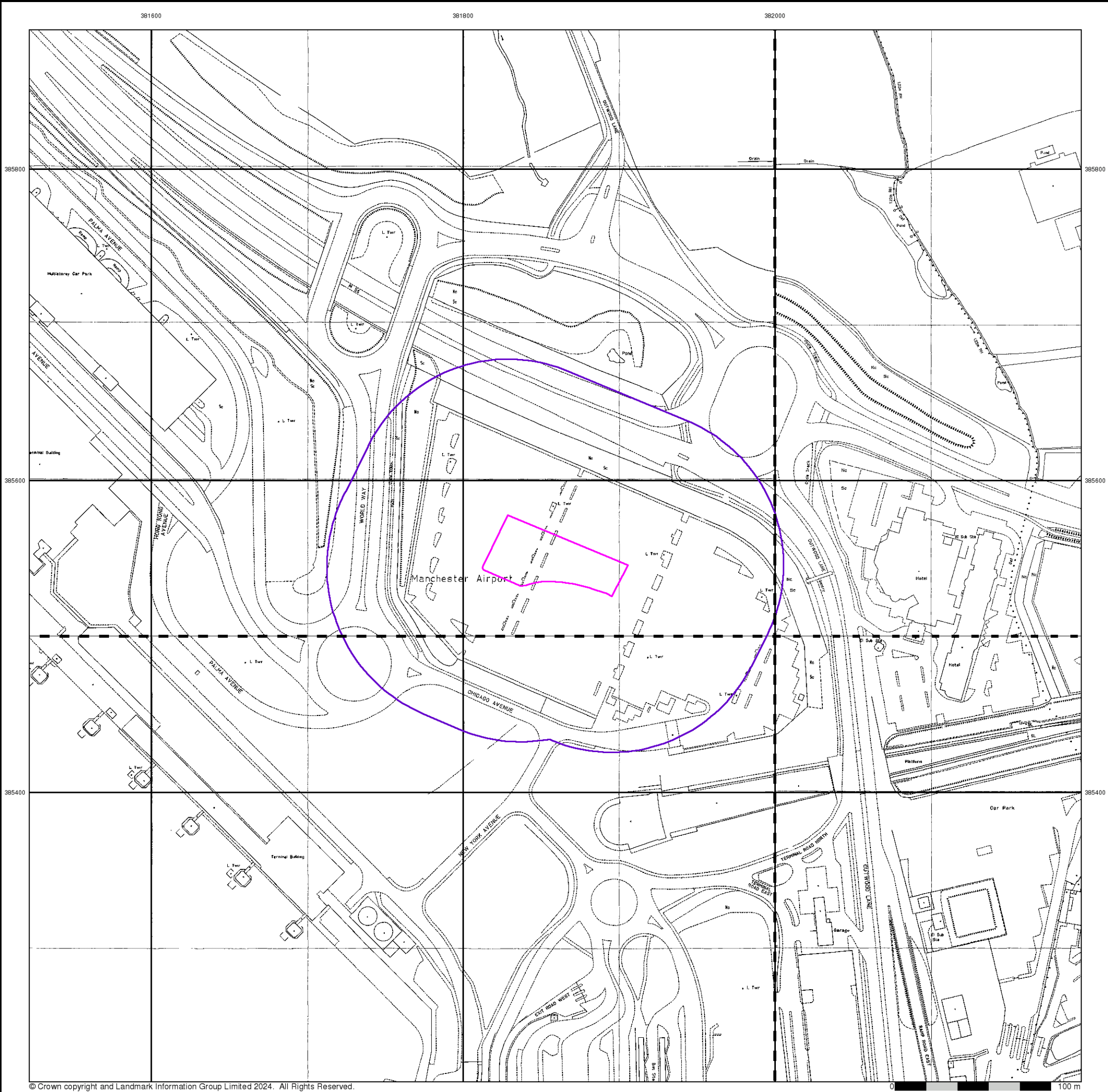
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Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 381870, 385550



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Large-Scale National Grid Data

Published 1995

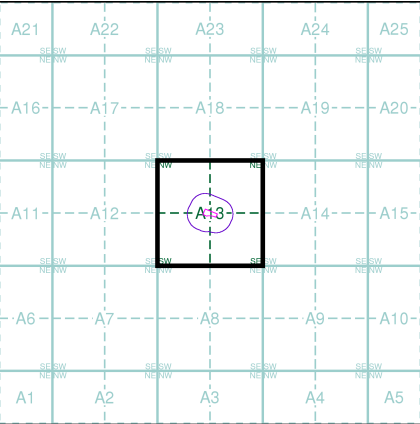
Source map scale - 1:1,250

'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)

SJ8185NE	1995	1:1,250
SJ8185SE	1995	1:1,250
SJ8285SW	1995	1:1,250

Historical Map - Segment A13



Order Details

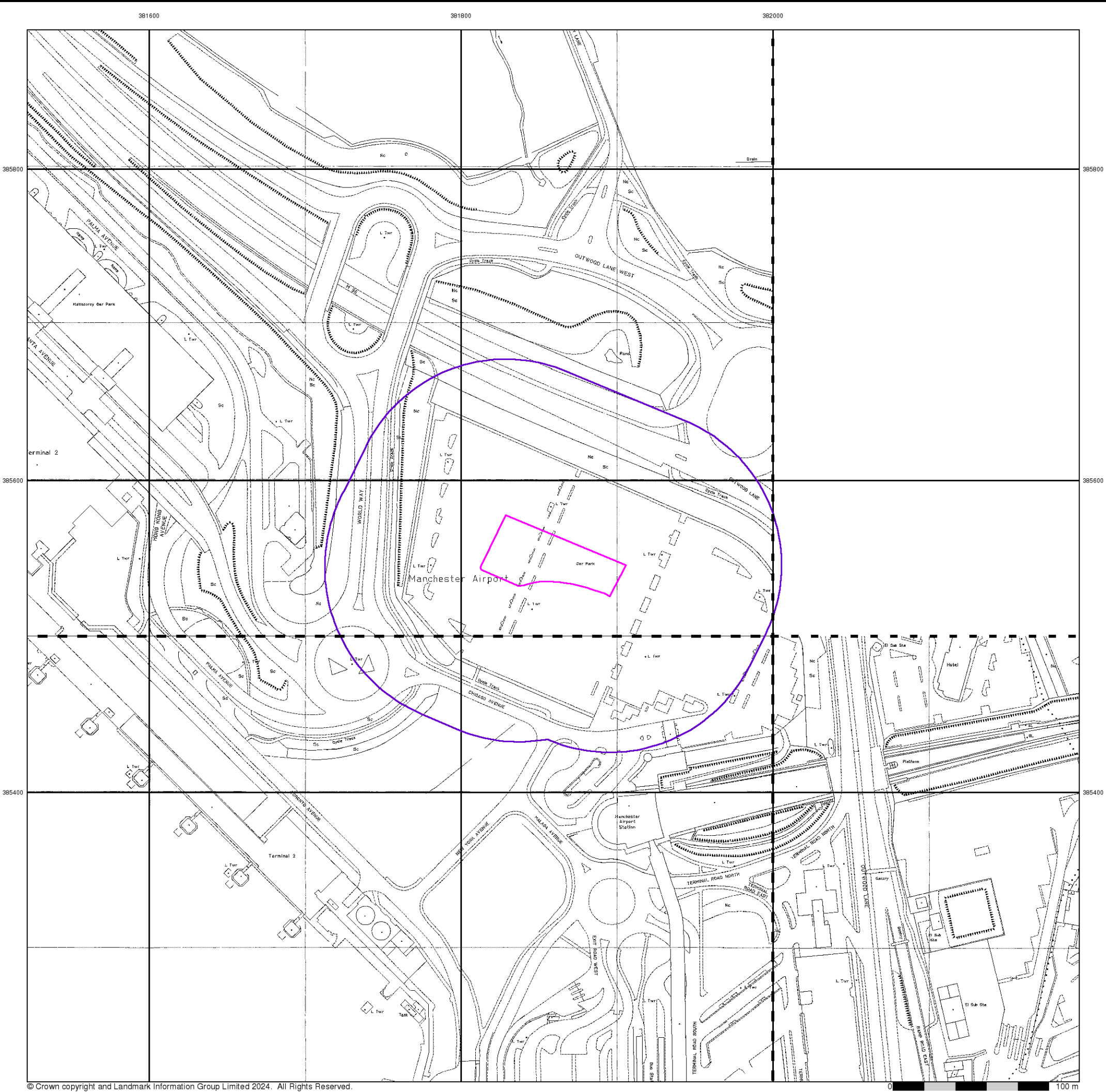
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 381870, 385550



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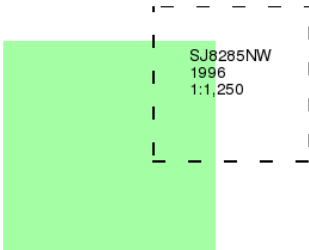
Large-Scale National Grid Data

Published 1996

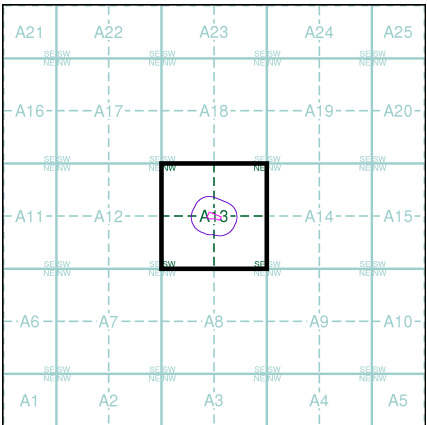
Source map scale - 1:1,250

'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

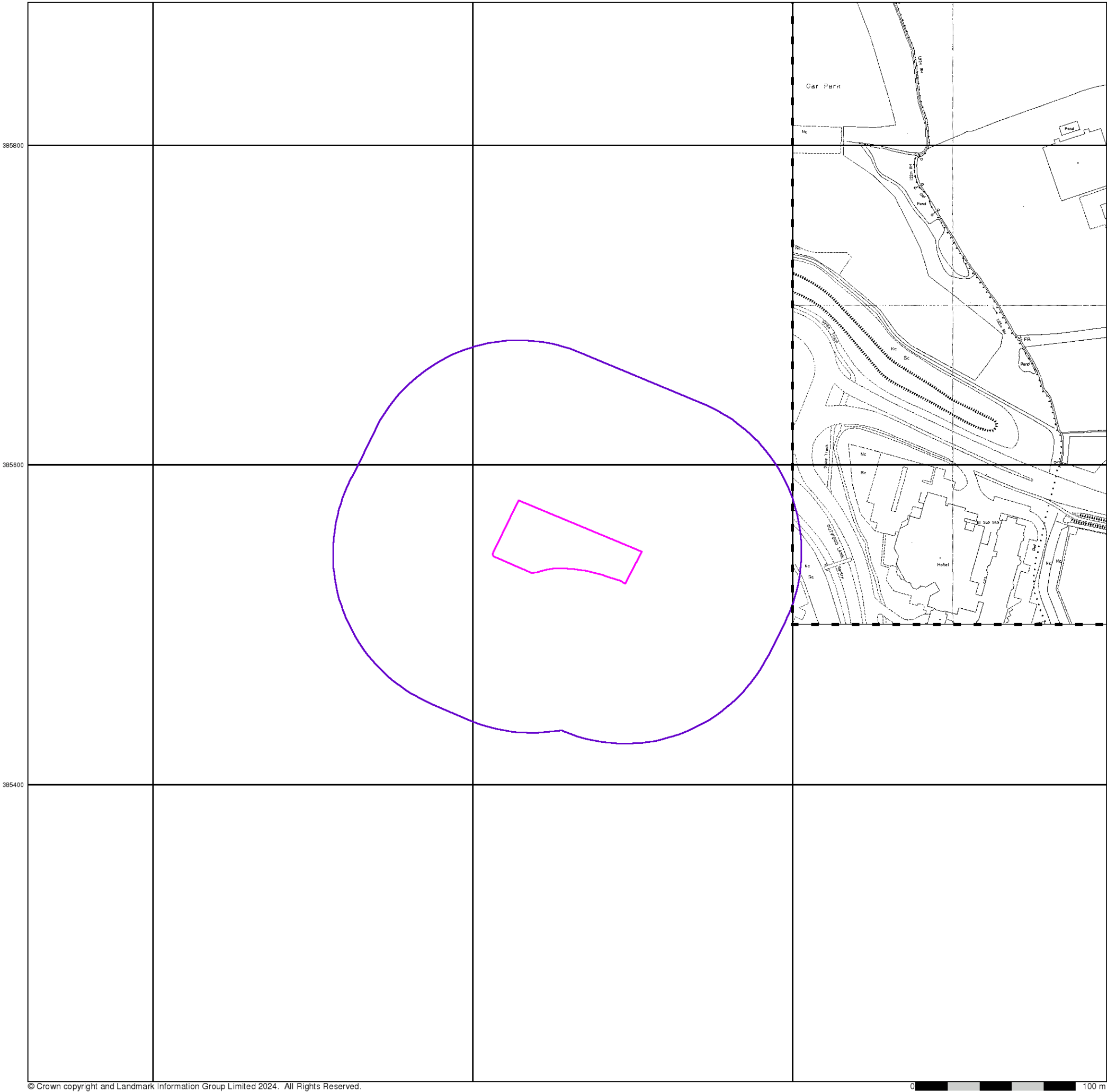
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Search Buffer (m): 100

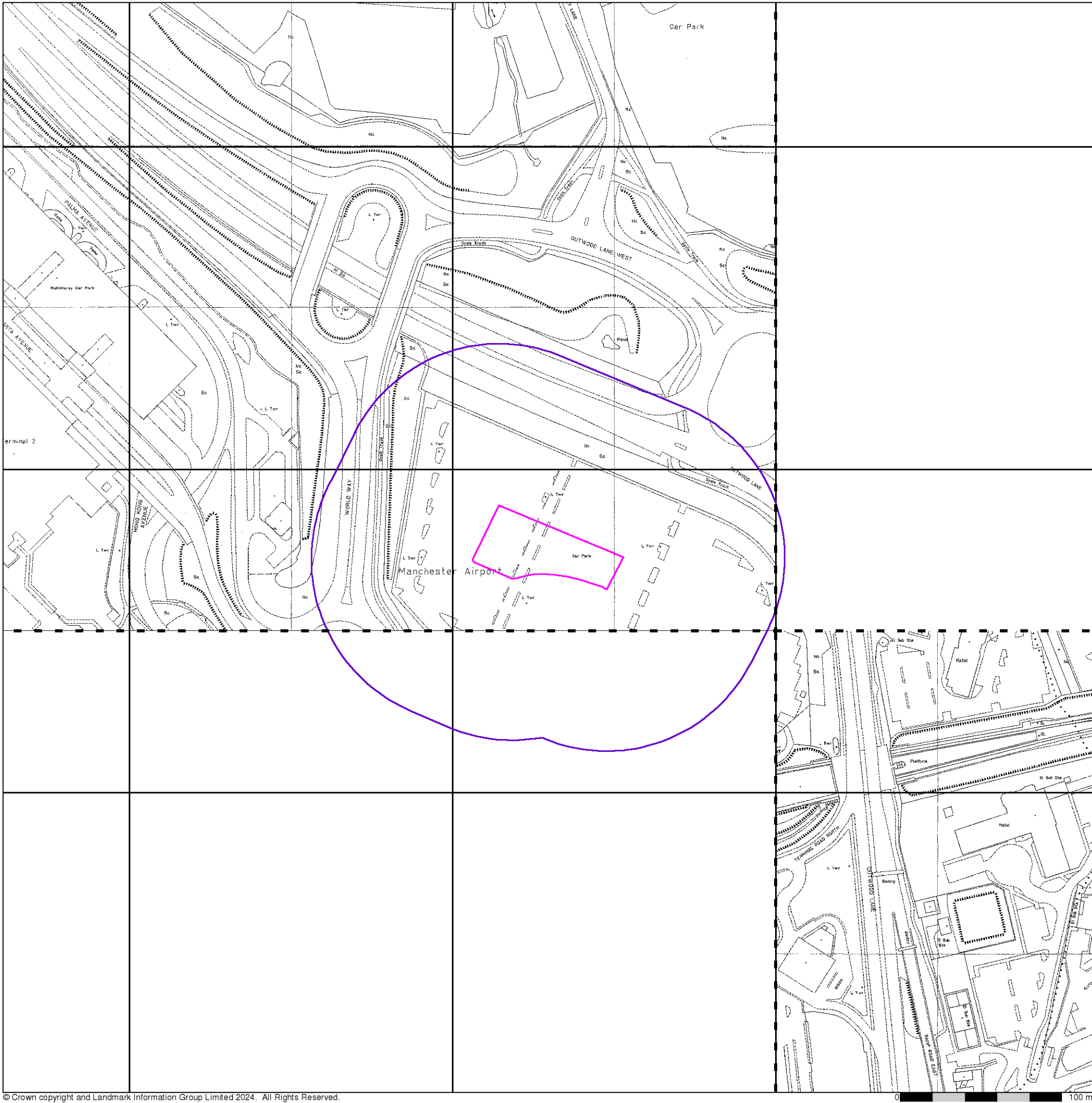
Site Details

Site at 381870, 385550



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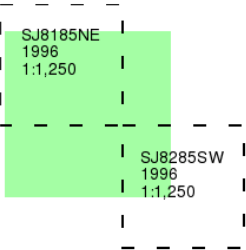
Large-Scale National Grid Data

Published 1996

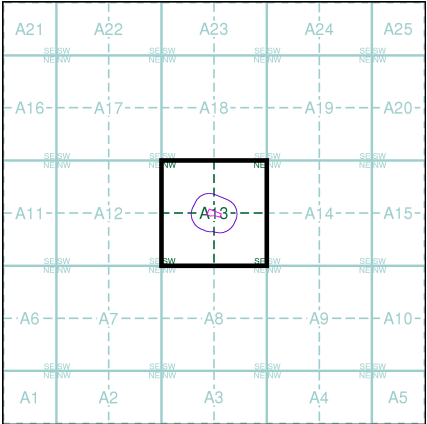
Source map scale - 1:1,250

'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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 381870, 385550



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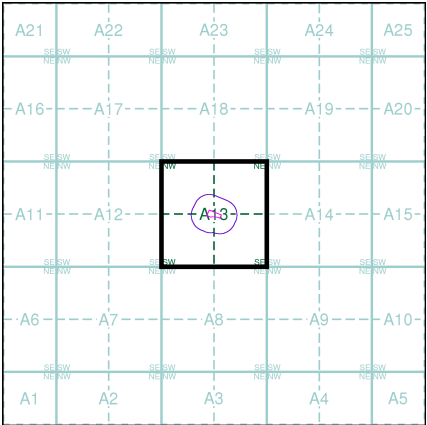


Historical Aerial Photography

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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

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APPENDIX C - ENVIROCHECK REPORT & DATASHEETS

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

355732361_1_1

Customer Reference:

4700

National Grid Reference:

381860, 385550

Slice:

A

Site Area (Ha):

0.26

Search Buffer (m):

1000

Site Details:

Site at 381870, 385550

Client Details:

Mr R McGuinness
Roc Consulting
Commercial Wharf
6 Commercial Street
Manchester
M15 4PZ

Prepared For:

Emily Fleet
MAG Property
6th Floor, Olympic House
Manchester Airport
M90 1QX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	15
Geological	17
Industrial Land Use	19
Sensitive Land Use	40
Data Currency	41
Data Suppliers	48
Useful Contacts	49

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

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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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	4	11
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5		1	1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6			Yes	
Pollution Incidents to Controlled Waters	pg 6			1	6
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	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 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	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 8			16	8

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					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 11			1	
Potentially Infilled Land (Water)	pg 11		4	14	44
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 15				6
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 15				3
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 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 17			1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District	pg 18	Yes	n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	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 19		6	12	99
Fuel Station Entries	pg 30		1	1	
Points of Interest - Commercial Services	pg 30		3	2	43
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 35			2	19
Points of Interest - Public Infrastructure	pg 36		6	11	10
Points of Interest - Recreational and Environmental	pg 39				2
Gas Pipelines					
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	pg 40				1
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					
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: Potential for Groundwater Flooding to Occur at Surface	A13SW (E)	0	1	381858 385549
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	23	1	381858 385600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	76	1	381900 385450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	107	1	381750 385650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	190	1	381750 385750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	274	1	382050 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	319	1	381600 385800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	380	1	381650 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	397	1	381500 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	460	1	382250 385850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	467	1	381450 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	480	1	381400 385300
1	Discharge Consents Operator: Ladbroke Hotels Ltd Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: Ladbroke Hotels Development Stp, East Of Outwood Lane, North Of Manchester Airport, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990612 Permit Version: 1 Effective Date: 16th May 1985 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Painswick Pool Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13SE (E)	200	2	382100 385500
2	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 2 Effective Date: 15th February 2019 Issued Date: 15th February 2019 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	447	2	381429 385315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 1 Effective Date: 16th November 2015 Issued Date: 30th October 2015 Revocation Date: 14th February 2019 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	447	2	381429 385315
3	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 2 Effective Date: 15th February 2019 Issued Date: 15th February 2019 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A14SW (E)	469	2	382356 385419
3	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 1 Effective Date: 16th November 2015 Issued Date: 30th October 2015 Revocation Date: 14th February 2019 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A14SW (E)	469	2	382356 385419
4	Discharge Consents Operator: Manchester Airport Plc. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Holly Cottage Thorley Lane, Ringway, Altrincham, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: 016993344 Permit Version: 1 Effective Date: 7th June 1999 Issued Date: 7th June 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Surf Water Drn To Lower Mersey Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	617	2	381500 386100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Manchester Airport Plc Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Joint Airport Storage, Manchester Airport, Altrincham, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992056 Permit Version: 1 Effective Date: 11th November 1986 Issued Date: Not Supplied Revocation Date: 8th February 1996 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8SW (S)	715	2	381780 384820
6	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 2 Effective Date: 15th February 2019 Issued Date: 15th February 2019 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	735	2	381211 385122
6	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 1 Effective Date: 16th November 2015 Issued Date: 30th October 2015 Revocation Date: 14th February 2019 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	735	2	381211 385122
7	Discharge Consents Operator: Manchester Airport Plc Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Aircraft Stands Swo, Manchester Airport Plc, Ringway, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991392 Permit Version: 1 Effective Date: 1st October 1994 Issued Date: Not Supplied Revocation Date: 31st October 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12SW (W)	781	2	381090 385250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Manchester Airport Plc Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Aircraft Stands Swo, Manchester Airport Plc, Ringway, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991392 Permit Version: 2 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 2nd December 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12SW (W)	781	2	381090 385250
8	Discharge Consents Operator: Galliford Try Infrastructure Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Man-Tp Unit 307, York Drive, Manchester Airport, Manchester, M90 5ql Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprhb3690wl Permit Version: 1 Effective Date: 5th February 2018 Issued Date: 5th February 2018 Revocation Date: 14th November 2023 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Timperley Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	896	2	380923 385648
9	Discharge Consents Operator: Manchester Airport Plc Property Type: AIR TRANSPORT/AIRPORT Location: Manchester Airport: Site Drainage And Containment System, Olympic House, Off The Domestic Approach Road, Manchester, M90 1qx Authority: Environment Agency, North West Region Catchment Area: Bollin Reference: Eprcb3299en Permit Version: 2 Effective Date: 15th February 2019 Issued Date: 15th February 2019 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge: Freshwater Stream/River Environment: Receiving Water: River Bollin & Nearby Tribs Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	948	2	380883 385727
9	Discharge Consents Operator: Galliford Try Infrastructure Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Man-Tp Unit 307, York Drive, Manchester Airport, Manchester, M90 5ql Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprhb3690wl Permit Version: 1 Effective Date: 5th February 2018 Issued Date: 5th February 2018 Revocation Date: 14th November 2023 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Timperley Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	955	2	380874 385721

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Costain Limited Property Type: AIR TRANSPORT/AIRPORT Location: Settlement Lagoons At West Apron Phases 6a And 6b, Costain Limited West Gate, Cargo Centre, Manchester Airport, M90 5fl Authority: Environment Agency, North West Region Catchment Area: Red/Baguley/Sinderland Brook Reference: 016993775 Permit Version: 1 Effective Date: 15th June 2005 Issued Date: 15th June 2005 Revocation Date: 14th March 2008 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Timperley Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	957	2	380870 385710
10	Discharge Consents Operator: Galliford Try Infrastructure Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Man-Tp Unit 307, York Drive, Manchester Airport, Manchester, M90 5ql Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprhb3690wl Permit Version: 1 Effective Date: 5th February 2018 Issued Date: 5th February 2018 Revocation Date: 14th November 2023 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Timperley Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	971	2	380874 385794
11	Local Authority Pollution Prevention and Controls Name: Manor Service Stations Ltd Location: Terminal 2 Petrol Stop, Palma Avenue, Manchester Airport, MANCHESTER, Lancashire, M90 4ZY Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/048/06 Dated: 11th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A13NW (W)	122	3	381693 385568
12	Local Authority Pollution Prevention and Controls Name: Manor Service Stations Ltd Location: Terminal 1 Petrol Stop, 30 Outwood Lane, Manchester Airport, MANCHESTER, Lancashire, M90 3WR Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/047/06 Dated: 11th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A13SE (SE)	255	3	382028 385309
13	Local Authority Pollution Prevention and Controls Name: Avis-Rent-A-Car Location: Woodhouse Lane, Off Ringway Road, MANCHESTER, M22 5PY Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/007/06 Dated: 20th December 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14SE (E)	867	3	382717 385241
13	Local Authority Pollution Prevention and Controls Name: Hertz Location: Woodhouse Lane, Off Ringway Road, Wythenshawe, MANCHESTER, M22 5PA Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/046/06 Dated: 20th December 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14SE (E)	867	3	382717 385241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Local Authority Pollution Prevention and Controls Name: FIs Aerospace Ltd Location: Runger Lane, Hangar 1 Western Maintenance Area, Manchester Airport, MANCHESTER, Lancashire, M90 5FL Authority: Manchester City Council, Environmental Health Department Permit Reference: 85/96 Dated: 15th March 1996 Process Type: Local Authority Air Pollution Control Description: PG6/40 Coating and recoating of aircraft and aircraft components Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	989	3	381305 384695
	Nearest Surface Water Feature	A13NE (NE)	268	-	382101 385729
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Petrol Note: Baguley Brook; Oil Incident Date: 13th December 1996 Incident Reference: 96512562 Catchment Area: Sinderland Brook Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	456	2	382000 386000
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: Tributary Baguley Bk; None Pollution Found Incident Date: 28th June 1991 Incident Reference: 91510996 Catchment Area: Sinderland Brook Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	623	2	381800 386200
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Timperley Brook; Silt Incident Date: 25th November 1996 Incident Reference: 96512431 Catchment Area: Sinderland Brook Receiving Water: Not Given Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	814	2	381000 385500
18	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident In Transit Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Other Chemicals Note: Timperley Brook Incident Date: 20th October 1995 Incident Reference: 95512586 Catchment Area: Sinderland Brook Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	815	2	381000 385600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Junction 6; M56, Manchester Airport Authority: Environment Agency, North West Region Pollutant: Oils - Petrol Note: Small Amount Petrol To Drains Incident Date: 1st September 1998 Incident Reference: SO981600 Catchment Area: Bollin Receiving Water: Freshwater Stream/River Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	977	2	381001 385001
20	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Tributary Of Bollin Incident Date: 7th November 1995 Incident Reference: 95512721 Catchment Area: Bollin Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	987	2	381300 384700
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: Fairywell Brook; None Pollution Found Incident Date: 29th June 1991 Incident Reference: 91511345 Catchment Area: Sinderland Brook Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	987	2	382400 386400
	River Quality Name: Sinderland (Baguley) Bk GQA Grade: River Quality D Reach: Qsl At Portway To Fairywell Bk Estimated Distance (km): 7.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18NW (N)	823	2	381789 386399
	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: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial Superficial Thickness: 3-10m Superficial Recharge: Low	A13SW (E)	0	4	381858 385549
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (E)	0	4	381858 385549
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (E)	0	4	381858 385549
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	268	5	382101 385729
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	271	5	382168 385614
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	271	5	382143 385676
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	272	5	382167 385620
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	274	5	382168 385620
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	277	5	382137 385698
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	302	5	382078 385793
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	373	5	381786 385948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	375	5	382065 385885
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	392	5	382296 385568
32	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	413	5	382317 385532
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	414	5	382319 385529
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	414	5	382052 385933
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	448	5	381751 386019
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 800.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	468	5	382370 385492
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	469	5	381742 386038
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	559	5	381968 386119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	570	5	381959 386132
40	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 165.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	585	5	381923 386155
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 786.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fairyle Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	645	5	381364 386024
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A14NE (E)	684	5	382589 385558
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 727.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	715	5	381855 386292
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	829	5	382723 385411
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 457.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Timperley Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	944	5	380876 385655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	381858 385549
46	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A14NW (E)	366	-	382265 385613
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	168	-	381936 385363
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13SE (SE)	208	-	382077 385427
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (W)	226	-	381590 385582
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (S)	229	-	381856 385300
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A13SE (SE)	282	-	382077 385310
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (NW)	302	-	381687 385845
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	339	-	381476 385501
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	349	-	381902 385177
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (S)	354	-	381748 385190
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A14SW (E)	373	-	382248 385399
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14NW (E)	373	-	382278 385567
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13SW (SW)	378	-	381530 385293
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	437	-	381916 385090
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NE (W)	442	-	381411 385729
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	452	-	381892 385074
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NE (NW)	464	-	381467 385867
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8NW (SW)	466	-	381632 385113
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	485	-	381915 385042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	511	-	381913 385016
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SW (N)	521	-	381829 386098
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (NE)	553	-	382195 386017
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	561	-	381298 385323
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (N)	569	-	381886 386143
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	595	-	381827 384935
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	636	-	382479 385271
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	644	-	381424 385030
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	654	-	382481 385235
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	673	-	381188 385295
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	686	-	381399 384996
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	698	-	381216 385181
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SW (W)	706	-	381122 385403
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SW (NW)	707	-	381526 386216
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (NW)	712	-	381568 386241
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (NW)	723	-	381535 386238
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	739	-	381159 385200
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	742	-	381470 384885
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	742	-	381219 385099
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SW (S)	746	-	381660 384808
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SE (NW)	754	-	381279 386093

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SW (S)	767	-	381844 384761
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	783	-	381235 385015
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17NE (NW)	785	-	381482 386282
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A19NW (NE)	790	-	382217 386271
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SW (W)	798	-	381069 385254
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	802	-	382258 386266
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A14NE (E)	826	-	382719 385688
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A7NE (SW)	835	-	381229 384947
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	837	-	382226 386319
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (N)	849	-	381787 386425
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SW (NW)	851	-	381077 385977
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	851	-	381128 385040
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A17NE (NW)	873	-	381480 386377
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14SE (E)	876	-	382736 385268
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (SE)	876	-	382401 384811
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	885	-	382039 386437
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	909	-	381974 386475
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (S)	919	-	381878 384608
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	920	-	381146 384911
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	932	-	382478 386281
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7SW (SW)	949	-	381169 384847

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SW (NW)	969	-	381042 386144
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SW (SW)	976	-	381127 384849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Control of Major Accident Hazards Sites (COMAH) Name: Air Bp Limited Location: Manchester Airport, Pinfold Lane, Manchester, Greater Manchester, M90 5AX Reference: Not Supplied Type: Upper Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	829	7	381289 384901
109	Control of Major Accident Hazards Sites (COMAH) Name: Shell UK Oil Products Ltd Location: Pinfold Lane, Manchester Airport, Manchester, M90 5XA Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A7NE (SW)	829	7	381294 384897
109	Control of Major Accident Hazards Sites (COMAH) Name: Esso Petroleum Company Limited Location: Pinfold Lane, Manchester Airport, Manchester, M90 5XA Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	829	7	381294 384897
109	Control of Major Accident Hazards Sites (COMAH) Name: Shell UK Oil Products Ltd Location: Pinfold Lane, Manchester Airport, Manchester, M90 5XA Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A7NE (SW)	829	7	381294 384897
110	Control of Major Accident Hazards Sites (COMAH) Name: Air Bp Limited Location: Manchester Airport, Pinfold Lane, Manchester, M90 Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	870	7	381053 385120
111	Control of Major Accident Hazards Sites (COMAH) Name: Esso Petroleum Company Limited Location: Manchester Airport, Mashco, Pinfold Lane, Manchester, Greater Manchester, M90 5ax Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	944	7	381211 384816
112	Planning Hazardous Substance Consents Name: Esso Petroleum Co Ltd Location: Pinfold Lane, Manchester Airport, Manchester Authority: Manchester City Council, Planning Department Application Ref: 076274/Hsc/2005/S2 Hazardous: Highly flammable (highly flammable liquids which may become hot and catch fire in contact with air at ambient temperature without any input of energy or which have a flash point <55C and which remain liquid under pressure) Substance: fire in contact with air at ambient temperature without any input of energy or which have a flash point <55C and which remain liquid under pressure) Maximum Quantity: 0 Application date: 4th July 2005 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	829	6	381294 384897
112	Planning Hazardous Substance Consents Name: Esso Petroleum Co Ltd Location: Pinfold Lane, Manchester Airport, Manchester Authority: Manchester City Council, Planning Department Application Ref: 065383/Hsc/South2/02 Hazardous: Highly flammable (highly flammable liquids which may become hot and catch fire in contact with air at ambient temperature without any input of energy or which have a flash point <55C and which remain liquid under pressure) Substance: fire in contact with air at ambient temperature without any input of energy or which have a flash point <55C and which remain liquid under pressure) Maximum Quantity: 0 Application date: 11th June 2002 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	829	6	381294 384897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	Planning Hazardous Substance Consents Name: Shell Uk Ltd Location: Pinfold Lane, Manchester Airport, Ringway, Manchester Authority: Manchester City Council, Planning Department Application Ref: 059375/Hsc/South2/00 Hazardous Substance: Highly flammable (highly flammable liquids which may become hot and catch fire in contact with air at ambient temperature without any input of energy or which have a flash point <55C and which remain liquid under pressure) Maximum Quantity: 0 Application date: 5th June 2000 Decision: Unknown at time of report Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	829	6	381294 384897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (E)	0	1	381858 385549
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13SW (E)	0	1	381858 385549
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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: <15 mg/kg	A13SE (E)	95	1	382000 385549
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	386	1	382129 385219
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	769	1	381987 384763
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	813	1	381000 385549
113	BGS Recorded Mineral Sites Site Name: Woodhouse Farm Brick Field Location: Woodhouse Park, Manchester, Cheshire Source: British Geological Survey, National Geoscience Information Service Reference: 95256 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Bollin Mudstone Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (E)	380	1	382283 385585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	CBSCB Compensation District Description: In an area which may be affected by historic brine pumping (the Compensation District). The Law Society recommend that all property transactions should obtain a CON29M search. The CBSCB website: http://www.cheshirebrine.com/ has information regarding how to obtain a search and other information regarding the continuing functions of the Board. Contact details are included in the Useful Contacts section. Source: Cheshire Brine Subsidence Compensation Board (CBSCB)	A13SW (E)	0	8	381858 385549
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	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	A13SW (E)	0	1	381858 385549
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	211	1	382084 385431
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	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	A13SW (E)	0	1	381858 385549
	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	A13SW (E)	0	1	381858 385549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	Contemporary Trade Directory Entries Name: Advanced Analysis & Integration Location: West Wing Level 3, Voyager, Chicago Avenue, Manchester Airport, MANCHESTER, M90 3DN Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	25	-	381855 385511
114	Contemporary Trade Directory Entries Name: Chris Walsh Airfreight Ltd Location: Rooms 3012-3016, Voyager, Chicago Avenue, Manchester Airport, Manchester, M90 3AH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	25	-	381855 385511
114	Contemporary Trade Directory Entries Name: Sherwin Williams Location: Level 7, Chicago Avenue, Manchester Airport, Manchester, M90 3DQ Classification: Paint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	26	-	381855 385509
114	Contemporary Trade Directory Entries Name: Essity Uk Ltd Location: Level 2, Voyager, Chicago Avenue, Manchester Airport, Manchester, M90 3DQ Classification: Hygiene & Cleansing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	26	-	381855 385509
115	Contemporary Trade Directory Entries Name: Texaco Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	122	-	381693 385568
115	Contemporary Trade Directory Entries Name: Bp Service Stations Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	122	-	381693 385568
116	Contemporary Trade Directory Entries Name: Texaco Location: T I Service Station, 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	255	-	382028 385309
117	Contemporary Trade Directory Entries Name: Currys Pc World Location: Unit 10, Terminal 2, Manchester Airport, Manchester, Greater Manchester, M90 4BS Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (W)	293	-	381527 385609
118	Contemporary Trade Directory Entries Name: Dixons Travel Location: Unit 10, Terminal 2, Manchester Airport, Manchester, Greater Manchester, M90 4BS Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	350	-	381469 385611
118	Contemporary Trade Directory Entries Name: Dixons Location: Airside, Terminal Two, Manchester Airport, Manchester, Lancashire, M90 4BS Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	351	-	381469 385611

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Contemporary Trade Directory Entries Name: Virgin Atlantic Cargo Sales Location: Room 3047/3049, Level 3, Terminal Two, Manchester Airport, Manchester, Lancashire, M90 4QX Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	351	-	381469 385611
119	Contemporary Trade Directory Entries Name: P Z Cussons International Ltd Location: 3500, Aviator Way, Manchester, M22 5TG Classification: Toiletries Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	446	-	382338 385653
120	Contemporary Trade Directory Entries Name: Manchester Airport Location: Room 23/24, Level 7, Terminal One, Manchester Airport, Manchester, M90 3AY Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	451	-	381916 385076
120	Contemporary Trade Directory Entries Name: Dixons Tax Free Location: International Arrivals Hall, Terminal One, Manchester Airport, Manchester, M90 3NU Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	451	-	381916 385076
120	Contemporary Trade Directory Entries Name: Currys Pc World Location: Unit 13, Terminal 1, Manchester Airport, Manchester, Greater Manchester, M90 3NZ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	470	-	381926 385057
120	Contemporary Trade Directory Entries Name: Direct Dry Cleaning Location: Terminal 1, Manchester Airport, Manchester, Greater Manchester, M90 1QX Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	497	-	381909 385029
121	Contemporary Trade Directory Entries Name: Ringway Haulage Location: Manchester Airport, Manchester, Lancashire, M90 1AH Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	483	-	382270 385222
122	Contemporary Trade Directory Entries Name: Dixons Travel Location: Unit 13, Terminal 1, Manchester Airport, Manchester, Greater Manchester, M90 3NZ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	497	-	382004 385041
122	Contemporary Trade Directory Entries Name: Airport Co-Ordination Ltd Location: Room 701, Tower Block, Manchester Airport, Manchester, M90 2BH Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	532	-	382006 385006
122	Contemporary Trade Directory Entries Name: Manchester Airport Location: Room 720-725, Tower Block, Manchester Airport, Manchester, M90 2BH Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	532	-	382006 385006
123	Contemporary Trade Directory Entries Name: Geistlich Location: Thorley House, Bailey Lane, Manchester Airport, Manchester, M90 4AB Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	509	-	381910 386080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Contemporary Trade Directory Entries Name: Geistlich Sons Ltd Location: Thorley House, Bailey Lane, Manchester Airport, Manchester, M90 4AB Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	543	-	381920 386113
123	Contemporary Trade Directory Entries Name: Associated Octel Location: 16, Bailey Lane, Manchester Airport, Manchester, Lancashire, M90 4AA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	575	-	381933 386143
124	Contemporary Trade Directory Entries Name: Amba Facility Management Location: Manchester Business Park, Aviator Way, Manchester, M22 5TG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	521	-	382426 385565
124	Contemporary Trade Directory Entries Name: Allseas Cargo (Uk) Ltd Location: Manchester Business Park, Aviator Way, Manchester, M22 5TG Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	521	-	382426 385565
125	Contemporary Trade Directory Entries Name: Rentokil Specialist Hygiene Location: Room 1012, Olympic House, Manchester Airport, Manchester, M90 1QD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Manchester Airport Location: Olympic House, Manchester Airport, Manchester, M90 1QX Classification: Airports Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Manchester Airport General Enquiries Location: Olympic House, Manchester Airport, Manchester, M90 1QX Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Manchester Airport Location: Olympic House, Manchester Airport, Manchester, M90 1QX Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Dixons Travel Location: Unit 2, Terminal 1, Manchester Airport, Manchester, Greater Manchester, M90 1QX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Manchester Airport Location: Olympic House, Manchester Airport, Manchester, M90 1QX Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035
125	Contemporary Trade Directory Entries Name: Rentokil Pest Control Location: Room 1012, Olympic House, Manchester Airport, Manchester, M90 1QD Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	522	-	382073 385035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Contemporary Trade Directory Entries Name: Rossi Automobili Location: 3000, Aviator Way, Manchester, M22 5TG Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Design & Print By Jon Philips Ltd Location: 3000, Aviator Way, Manchester, M22 5TG Classification: Digital Printing Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Lanier (Uk) Ltd Location: Aviator Way, Manchester, M22 5TG Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Lifetec Medical Location: 3000, Aviator Way, Manchester, M22 5TG Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Dresser-Rand Location: 3000, Aviator Way, Manchester, M22 5TG Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Globel Elite Traders Ltd Location: 3000, Aviator Way, Manchester, M22 5TG Classification: Oil Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	557	-	382452 385650
126	Contemporary Trade Directory Entries Name: Logwin Location: 3000 Aviator Way, Manchester Business Park, Manchester, Greater Manchester, M22 5TG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Greener Cleaning Co Location: 3000 Aviator Way, Manchester, Greater Manchester, M22 5TG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Santova Logistics Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Global Star Location: Ground Floor, 3000, Aviator Way, Manchester, M22 5TG Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: W J Kenyon Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Refrigerators & Freezers - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Contemporary Trade Directory Entries Name: The Gruff Stuff Location: 3000 Aviator Way, Manchester, Greater Manchester, M22 5TG Classification: Cosmetic Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: A F S Global Ltd Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Mortuaryequipment.Net Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Camida Ltd Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Chemicals - Distributors & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Skyport International Logistics Ltd Location: 3000, AVIATOR WAY, MANCHESTER, M22 5TG Classification: Airfreight Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Amba Location: Manchester Business Park, Aviator Way, Manchester, M22 5TG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	559	-	382457 385637
126	Contemporary Trade Directory Entries Name: Yumapos Location: Manchester Business Park, Manchester, Greater Manchester, M22 5TG Classification: Cash Registers & Check-Out Equipment Status: Active Positional Accuracy: Manually positioned to the address or location	A14NW (E)	568	-	382468 385618
127	Contemporary Trade Directory Entries Name: Dixons Travel Location: Unit 4,Terminal 3, Manchester Airport, Manchester, Greater Manchester, M90 3BB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	641	-	382264 385002
128	Contemporary Trade Directory Entries Name: Currys Pc World Location: Unit 4,Terminal 3, Manchester Airport, Manchester, Greater Manchester, M90 3BB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	667	-	382112 384895
128	Contemporary Trade Directory Entries Name: Currys Pc World Location: Unit 2,Terminal 1, Manchester Airport, Manchester, Greater Manchester, M90 1QX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	668	-	382143 384906
128	Contemporary Trade Directory Entries Name: Manchester Airport Location: Terminal Three, Manchester Airport, Manchester, M90 3BB Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	676	-	382116 384887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Contemporary Trade Directory Entries Name: A C Cleaning Services Location: 9, Woodhouse Road, Manchester, M22 1PZ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (NE)	742	-	382575 385864
130	Contemporary Trade Directory Entries Name: Airport Ventures Ltd Location: Hale Top House East, Thorley Lane, Manchester Airport, Manchester, M90 5UG Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	746	-	381172 385932
131	Contemporary Trade Directory Entries Name: Binky Bracelets Location: 68, Maismore Road, Manchester, M22 1SB Classification: Jewellery Manufacturers & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	826	-	381556 386357
132	Contemporary Trade Directory Entries Name: First Assist Recovery Location: PORTWAY, MANCHESTER, M22 1QW Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	838	-	382019 386394
133	Contemporary Trade Directory Entries Name: Globe Ground Location: Ringway Rd, Manchester, M22 5XN Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NE (SE)	844	-	382662 385172
134	Contemporary Trade Directory Entries Name: Appliance Repair Centre Location: 47, Thornsgreen Road, Manchester, M22 1QH Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	849	-	382732 385738
135	Contemporary Trade Directory Entries Name: A Better Jetclean Location: 6, Didcot Road, Manchester, M22 1WB Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	861	-	382446 386215
136	Contemporary Trade Directory Entries Name: Air Canada Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Greater Manchester, M90 5UY Classification: Cargo Handling Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	874	-	381091 385052
136	Contemporary Trade Directory Entries Name: British Airways Regional Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5BA Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	874	-	381091 385052
136	Contemporary Trade Directory Entries Name: British Airways Regional Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5BA Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	874	-	381091 385052
136	Contemporary Trade Directory Entries Name: Singapore Airlines Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Cargo Handling Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	874	-	381091 385052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Contemporary Trade Directory Entries Name: Manchester Airport Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5BA Classification: Aviation Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	874	-	381091 385052
136	Contemporary Trade Directory Entries Name: Airline Cargo Management Ltd Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5BA Classification: Airfreight Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	874	-	381091 385052
136	Contemporary Trade Directory Entries Name: Worldwide Flight Services Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Cargo Handling Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	874	-	381091 385052
137	Contemporary Trade Directory Entries Name: Costain Location: Costain House, 1500, Aviator Way, Manchester, M22 5TG Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	874	-	382779 385566
138	Contemporary Trade Directory Entries Name: Coronel Location: 12, Cranesbill Close, Manchester, M22 1GH Classification: Fax Machines Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	877	-	382140 386397
138	Contemporary Trade Directory Entries Name: Burns Technicians Ltd Location: 12, Cranesbill Close, Manchester, M22 1GH Classification: Electrical Appliance Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	877	-	382140 386397
139	Contemporary Trade Directory Entries Name: Galaxy Air Cargo Ltd Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5SA Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	945	-	380944 385172
140	Contemporary Trade Directory Entries Name: A S I G Location: Pinfold Lane, Manchester Airport, Manchester, Greater Manchester, M90 5XA Classification: Airports Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	946	-	381331 384730
141	Contemporary Trade Directory Entries Name: Air & Cargo Services Ltd Location: Room 201, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Agency Cargo Services Ltd Location: Room 201, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Menzies Aviation Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	Contemporary Trade Directory Entries Name: Menzies World Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Transpack Flight Services Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5UY Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Trans Global Air Ltd Location: Room 205, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: P M G Worldwide Location: Room 107/108, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Pioneer International (UK) Ltd Location: Room 103, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Strategic Shipping Ltd Location: Room 103, Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Air Cargo Partners Ltd Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Air Menzies (International) Ltd Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Shamrock Logistics Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5UY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Immediate Transportation Co Ltd Location: Room 103, Building 309, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5PH Classification: Airfreight Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	956	-	380915 385216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	Contemporary Trade Directory Entries Name: Menzies World Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5UY Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
141	Contemporary Trade Directory Entries Name: Menzies World Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	956	-	380915 385216
142	Contemporary Trade Directory Entries Name: Overall International Air Cargo Ltd Location: Unit 12, Building 301, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5UX Classification: Airfreight Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	956	-	381068 384944
142	Contemporary Trade Directory Entries Name: Brunswick International Location: Unit 11/12, Building 301, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5UX Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	956	-	381068 384944
142	Contemporary Trade Directory Entries Name: Davies Turner Plc Location: Unit 10, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	964	-	381048 384957
142	Contemporary Trade Directory Entries Name: Tim Yates Location: Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5BF Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	969	-	381029 384974
142	Contemporary Trade Directory Entries Name: Harrison Transport Location: Unit 6, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	971	-	381020 384983
143	Contemporary Trade Directory Entries Name: Daves Location: 130, Cornishway, Manchester, M22 0WY Classification: Washing Machines - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	969	-	382789 385943
144	Contemporary Trade Directory Entries Name: A S Ceramics Location: Buttermere Avenue, Wythenshawe, Manchester, Lancashire, M22 1TH Classification: Ceramic Manufacturers, Supplies & Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	973	-	382006 386534
145	Contemporary Trade Directory Entries Name: Circle International Ltd Location: Unit 5, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5FY Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	977	-	381003 384997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	Contemporary Trade Directory Entries Name: Saints Transport Ltd Location: Unit 3, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	978	-	380988 385018
145	Contemporary Trade Directory Entries Name: Emirates Skycargo Location: Unit 1, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	982	-	380973 385035
145	Contemporary Trade Directory Entries Name: T Q Express Location: Unit 7, Building 301, World Freight Terminal, Manchester Airport, MANCHESTER, M90 5UX Classification: Airfreight Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	982	-	380973 385035
145	Contemporary Trade Directory Entries Name: Select Euro Express Ltd Location: Unit 11, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	982	-	380973 385035
145	Contemporary Trade Directory Entries Name: Brunswick International Ltd Location: Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	982	-	380973 385035
145	Contemporary Trade Directory Entries Name: Warne Heating Ltd Location: Unit 6, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Heating Equipment - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	984	-	380970 385035
145	Contemporary Trade Directory Entries Name: Nordisk Airworld Location: Unit 12, Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Classification: Aviation Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	984	-	380970 385035
146	Contemporary Trade Directory Entries Name: Sell Your Watch Location: Manchester Business Park, Aviator Way, Manchester, Greater Manchester, M22 5TG Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A15SW (E)	980	-	382883 385480
147	Contemporary Trade Directory Entries Name: Alitalia Cargo Location: Room 104/105, Building 302, World Freight Terminal, Manchester Airport, Manchester, M90 5PD Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	984	-	380954 385064
147	Contemporary Trade Directory Entries Name: Continental Airlines Cargo Reservations Location: Room 104/105, Building 302, World Freight Terminal, Manchester Airport, Manchester, M90 5PD Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	984	-	380954 385064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	Contemporary Trade Directory Entries Name: Vantec World Transport Manchester Location: Room 117-119 Building 308, World Freight Terminal, Manchester Airport, Manchester, Greater Manchester, M90 5PZ Classification: Freight Forwarders Status: Active Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	984	-	380954 385064
147	Contemporary Trade Directory Entries Name: Ace Senderex Ltd Location: WORLD FREIGHT TERMINAL, Manchester Airport, Manchester, M90 5PD Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	986	-	380953 385062
148	Contemporary Trade Directory Entries Name: Menzies World Cargo Location: Unit 3, Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: Lufthansa Cargo Location: Unit 3, Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: S M Cargo Services Location: Unit 2, Building 307, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5QL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: Deb Smith Location: Unit 2, Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: Boc Distribution Services Location: Unit 2, Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Classification: Airfreight Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: Menzies World Cargo Location: Unit 3, Building 307, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5QL Classification: Airfreight Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	984	-	380866 385278
148	Contemporary Trade Directory Entries Name: Swissport Location: Unit 2, Building 307, World Freight Terminal, Manchester Airport, Manchester, Lancashire, M90 5QL Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	984	-	380866 385278
149	Contemporary Trade Directory Entries Name: All Style Gates Location: 20, Lambourne Close, MANCHESTER, M22 1HS Classification: Gate Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (E)	998	-	382903 385565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Contemporary Trade Directory Entries Name: Wythenshawe M O T Centre Location: Oatlands House, Oatlands Road, Manchester, M22 1BE Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	1000	-	382183 386513
151	Fuel Station Entries Name: Terminal Two Petrolstop Location: Palma Avenue , Manchester Airport, Manchester, Greater Manchester, M90 4ZY Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A13NW (W)	122	-	381693 385568
152	Fuel Station Entries Name: Terminal One Service Station Location: 30, Outwood Lane Terminal Road East, Manchester Airport, Manchester, Greater Manchester, M90 3WR Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13SE (SE)	255	-	382028 385309
153	Points of Interest - Commercial Services Name: Terminal Two Petrolstop Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	122	9	381693 385568
153	Points of Interest - Commercial Services Name: Car Wash Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	122	9	381693 385568
154	Points of Interest - Commercial Services Name: Terminal One Service Station Location: T I Service Station, 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	244	9	382021 385317
154	Points of Interest - Commercial Services Name: Car Wash Location: T I Service Station 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	255	9	382028 385309
155	Points of Interest - Commercial Services Name: Cathay Pacific Location: Manchester Airport, Ringway Road, Manchester, M90 5PZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	464	9	381916 385063
156	Points of Interest - Commercial Services Name: B S C Essex Freight Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385650
156	Points of Interest - Commercial Services Name: Allseas Cargo UK Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	Points of Interest - Commercial Services Name: Elite Valet Parking Location: 3000 Aviator Way, Manchester, M22 5TG Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385649
156	Points of Interest - Commercial Services Name: Freightex Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385649
156	Points of Interest - Commercial Services Name: Logwin Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	559	9	382457 385636
156	Points of Interest - Commercial Services Name: A F S Global Ltd Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	559	9	382457 385636
156	Points of Interest - Commercial Services Name: Global Star Location: 3000 Aviator Way, Manchester, M22 5TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	559	9	382457 385636
157	Points of Interest - Commercial Services Name: Males Garage Location: Ringway Road, Manchester Airport, Manchester, M90 1WT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	726	9	382460 385071
158	Points of Interest - Commercial Services Name: Mobile Car Parlour Location: 28 Thornsgreen Road, Manchester, M22 1QD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	773	9	382660 385712
159	Points of Interest - Commercial Services Name: W F S Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5BA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	874	9	381090 385052
159	Points of Interest - Commercial Services Name: Worldwide Flight Services Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	874	9	381090 385052
159	Points of Interest - Commercial Services Name: Singapore Airlines Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	874	9	381090 385052
159	Points of Interest - Commercial Services Name: Omni Airline Services Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5BA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	874	9	381090 385052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	Points of Interest - Commercial Services Name: W F S Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5BA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	874	9	381091 385052
160	Points of Interest - Commercial Services Name: Air Canada Location: Building 300 Manchester Airport, Runger Lane, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	898	9	381018 385127
161	Points of Interest - Commercial Services Name: Menzies Aviation Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Evolution Logistics Ltd Location: Room 104 Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Pioneer International (UK) Ltd Location: Room 103 Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Shamrock Logistics Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Menzies World Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: L S Express Ltd Location: Room 207-208 Building 309, World Freight Terminal, Manchester Airport, Manchester, M90 5PH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Transpack Flight Services Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Menzies World Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Points of Interest - Commercial Services Name: Thomas Cook Cargo Location: Building 300, World Freight Terminal, Manchester Airport, Manchester, M90 5UY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	956	9	380915 385216
161	Points of Interest - Commercial Services Name: Airspace Location: Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
161	Points of Interest - Commercial Services Name: S M Cargo Services Location: Unit 2 Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
161	Points of Interest - Commercial Services Name: Swissport Location: Unit 2 Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
161	Points of Interest - Commercial Services Name: Air Liaison Ltd Location: Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
161	Points of Interest - Commercial Services Name: Rojay World Freight Ltd Location: Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
161	Points of Interest - Commercial Services Name: Swissport Cargo Services Location: Building 307, World Freight Terminal, Manchester Airport, Manchester, M90 5QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	984	9	380866 385278
162	Points of Interest - Commercial Services Name: Davies Turner Air Cargo Ltd Location: Unit 10 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	964	9	381048 384957
162	Points of Interest - Commercial Services Name: Gac Logistics (UK) Ltd Location: Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5BF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	969	9	381029 384974
162	Points of Interest - Commercial Services Name: Eagle Global Logistics Ltd Location: Unit 5 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5FY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	977	9	381003 384997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	Points of Interest - Commercial Services Name: Select Euro Express Ltd Location: Unit 11 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	982	9	380973 385035
162	Points of Interest - Commercial Services Name: Brunswick International Location: Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	982	9	380973 385035
162	Points of Interest - Commercial Services Name: Emirates Skycargo Location: Unit 1 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	982	9	380973 385035
162	Points of Interest - Commercial Services Name: S O S Air Cargo Ltd Location: Unit 2 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	9	380973 385033
162	Points of Interest - Commercial Services Name: M I Q Logistics Location: Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	9	380973 385034
162	Points of Interest - Commercial Services Name: Select Euro Transport Location: Unit 11 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	9	380973 385034
162	Points of Interest - Commercial Services Name: Davies Turner Plc Location: Unit 10 Building 301, World Freight Terminal, Manchester Airport, Manchester, M90 5UX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	985	9	380970 385035
163	Points of Interest - Commercial Services Name: Vantec World Transport Location: Room 112 Building 302, World Freight Terminal, Manchester Airport, Manchester, M90 5PD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	984	9	380954 385064
163	Points of Interest - Commercial Services Name: Continental Airlines Cargo Reservations Location: Room 104/105 Building 302, World Freight Terminal, Manchester Airport, Manchester, M90 5PD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	984	9	380954 385064
163	Points of Interest - Commercial Services Name: Finnair Cargo Location: Building 302, World Freight Terminal, Manchester Airport, Manchester, M90 5PD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	984	9	380954 385064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	286	9	381763 385257
165	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	358	9	382203 385343
166	Points of Interest - Manufacturing and Production Name: Regus Location: 3000 Aviator Way, Manchester, M22 5TG Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385650
166	Points of Interest - Manufacturing and Production Name: Regeus Business Centre Location: 3000 Aviator Way, Manchester, M22 5TG Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385650
166	Points of Interest - Manufacturing and Production Name: Regus Ltd Location: 3000 Aviator Way, Manchester, M22 5TG Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A14NW (E)	557	9	382452 385650
167	Points of Interest - Manufacturing and Production Name: Global Management Location: Global House, Bailey Lane, Manchester Airport, Manchester, M90 4AB Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SE (N)	575	9	381933 386143
168	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	798	9	381227 385002
168	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	817	9	381266 384937
169	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	800	9	381641 384757
170	Points of Interest - Manufacturing and Production Name: Esso Petroleum Company Ltd Location: Pinfold Lane, Manchester Airport, Manchester, M90 5XA Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to address or location	A7NE (SW)	829	9	381294 384897
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	909	9	381225 384850
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	916	9	381238 384831

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	925	9	381256 384805
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	930	9	381233 384816
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	946	9	381213 384812
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	951	9	381244 384782
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SW (SW)	973	9	381179 384806
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (SW)	976	9	381193 384790
170	Points of Interest - Manufacturing and Production Name: Tank Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (SW)	978	9	381209 384774
170	Points of Interest - Manufacturing and Production Name: Tanks Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	986	9	381185 384783
171	Points of Interest - Manufacturing and Production Name: Tanks Location: M90 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	994	9	380873 385221
172	Points of Interest - Public Infrastructure Name: Manchester Airport the Station (Bus Station) Location: M90 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	104	9	381946 385436
172	Points of Interest - Public Infrastructure Name: Manchester Airport Rail Station Location: M90 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (S)	137	9	381907 385390
172	Points of Interest - Public Infrastructure Name: Manchester Airport Station Location: Malaga Avenue, M90 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (S)	137	9	381907 385390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Points of Interest - Public Infrastructure Name: Texaco Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	122	9	381693 385568
173	Points of Interest - Public Infrastructure Name: Manchester Airport T2 Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	122	9	381693 385568
173	Points of Interest - Public Infrastructure Name: Terminal Two Petrolstop Location: Terminal Two Petrol Stop, Palma Avenue, Manchester Airport, Manchester, M90 4ZY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (W)	122	9	381693 385568
174	Points of Interest - Public Infrastructure Name: BP Location: T I Service Station 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	255	9	382028 385309
174	Points of Interest - Public Infrastructure Name: Manor Service Station Ltd Location: T I Service Station 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	255	9	382028 385309
174	Points of Interest - Public Infrastructure Name: Manchester Airport T1 Connect Location: Terminal One Petrol Stop 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	255	9	382028 385309
174	Points of Interest - Public Infrastructure Name: Terminal One Connect Location: T I Service Station 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	255	9	382028 385309
174	Points of Interest - Public Infrastructure Name: Texaco Location: T I Service Station 30, Outwood Lane, Manchester Airport, Manchester, M90 3WR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	256	9	382028 385308
175	Points of Interest - Public Infrastructure Name: Manchester International Airport Terminal 2 Location: M90 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A13NW (W)	292	9	381528 385609
176	Points of Interest - Public Infrastructure Name: Bus Station Location: M90 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	309	9	381922 385218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Points of Interest - Public Infrastructure Name: Manchester International Airport Terminal 1 Location: M90 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (S)	451	9	381916 385076
177	Points of Interest - Public Infrastructure Name: The Airport Tour Centre Location: Terminal 1 Manchester Airport, Manchester, Greater Manchester, M90 1QX Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (S)	451	9	381917 385076
177	Points of Interest - Public Infrastructure Name: The Airport Tour Centre Location: Terminal 1, Manchester Airport, Manchester, M90 1QX Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (S)	452	9	381916 385075
177	Points of Interest - Public Infrastructure Name: Manchester International Airport Terminal 1 Location: Terminal 1, Manchester Airport, Manchester, M90 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (S)	459	9	381910 385068
178	Points of Interest - Public Infrastructure Name: Manchester Airport Section Divisional Police Headquarters Location: Airport Police Station, Manchester Airport, Manchester, M90 1NN Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8NE (SE)	504	9	382134 385083
178	Points of Interest - Public Infrastructure Name: Manchester Airport Police Station Location: M90 Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8NE (SE)	509	9	382138 385079
178	Points of Interest - Public Infrastructure Name: Manchester International Airport Location: Olympic House, Ringway Road, Manchester, M90 1QX Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (SE)	522	9	382073 385035
178	Points of Interest - Public Infrastructure Name: Manchester Airport Location: Olympic House, Manchester Airport, Manchester, M90 1QX Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (SE)	522	9	382073 385035
179	Points of Interest - Public Infrastructure Name: Manchester International Airport Terminal 3 Location: M90 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A8NE (S)	676	9	382116 384887
180	Points of Interest - Public Infrastructure Name: Manchester Airport Location: M90 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	682	9	381903 384844
181	Points of Interest - Public Infrastructure Name: Graveyard Location: M90 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	722	9	382575 385278
181	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	728	9	382582 385279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	Points of Interest - Public Infrastructure Name: A S I G Location: Pinfold Lane, Manchester Airport, Manchester, M90 5XA Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A7SE (SW)	946	9	381331 384730
182	Points of Interest - Public Infrastructure Name: A S I G Location: Pinfold La, Manchester Airport, Manchester, Lancashire, M90 5XA Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A7SE (SW)	946	9	381331 384730
183	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)	698	9	381943 386266
183	Points of Interest - Recreational and Environmental Name: Playground Location: Selstead Road, M22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	698	9	381943 386266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Areas of Adopted Green Belt Authority: Manchester City Council Plan Name: Proposals Map Status: Adopted Plan Date: 11th July 2012	A9SW (SE)	859	11	382404 384835

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Macclesfield Borough Council (now part of Cheshire East Council) - Health and Public Safety Trafford Metropolitan Borough Council - Renewal and Environmental Protection Environment Agency - Head Office Manchester City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environment Team (Land & Water) Cheshire East Council - Environmental Health Department	July 2008 November 2013 November 2023 October 2017 October 2017 October 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - North West Region	July 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	July 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009 October 2014 October 2014 September 2014 September 2023	Not Applicable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009 October 2014 October 2014 September 2014 September 2023	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually
Local Authority Pollution Prevention and Control Enforcements Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009 October 2014 October 2014 September 2014 September 2023	Not Applicable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2024	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North West Region	May 2023 May 2023	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2024	Quarterly
Water Abstractions Environment Agency - North West Region	July 2024	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	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
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	July 2024	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

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	May 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	May 2024	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	July 2024	Quarterly
Local Authority Landfill Coverage Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department	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	January 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 Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department Cheshire East Council - Planning Department Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Cheshire County Council (now part of Cheshire East Council) - Planning Department Trafford Metropolitan Borough Council	December 2008 February 2016 February 2016 February 2016 July 2008 July 2023	Not Applicable Variable Variable Variable Annual Rolling Update Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department Cheshire East Council - Planning Department Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Cheshire County Council (now part of Cheshire East Council) - Planning Department	April 2016 December 2008 February 2016 February 2016 February 2016 July 2008	Variable Not Applicable Variable Variable Variable Annual Rolling Update

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	January 2024	Bi-Annually
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	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2024	Quarterly
Points of Interest - Education and Health PointX	June 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2024	Quarterly
Points of Interest - Public Infrastructure PointX	June 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Cheshire East Council - Planning Department Macclesfield Borough Council (now part of Cheshire East Council) Manchester City Council Stockport Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Cheshire East Council - Planning Department Macclesfield Borough Council (now part of Cheshire East Council) Manchester City Council Stockport Metropolitan Borough Council Trafford Metropolitan Borough Council	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	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 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	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
7	Health and Safety Executive 55.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	Cheshire Brine Subsidence Compensation Board (CBSCB) Sir Henry Doulton House, Forge Lane, Etruria, Stoke on Trent, Staffordshire, ST1 5BD	Telephone: 0845 002 0562 Fax: 0845 111 8888 Email: info@cheshirebrine.com Website: www.cheshirebrine.com
9	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Manchester City Council Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
12	Macclesfield Borough Council (now part of Cheshire East Council) Westfields, Middlewich Road, Sandbach, Cheshire, CW11 1HZ	Telephone: 0300 123 55 00 Website: www.cheshireeast.gov.uk
13	Cheshire East Council - Planning Department Westfields, Middlewich Road, Sandbach, Cheshire, CW11 1HZ	Telephone: 0300 123 5500 Email: info@cheshireeast.gov.uk Website: www.cheshireeast.gov.uk
14	Trafford Metropolitan Borough Council P O Box 14, Trafford Town Hall, Talbot Road, Stretford, Greater Manchester, M32 0YZ	Telephone: 0161 912 1212 Fax: 0161 873 7783 Website: www.trafford.gov.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

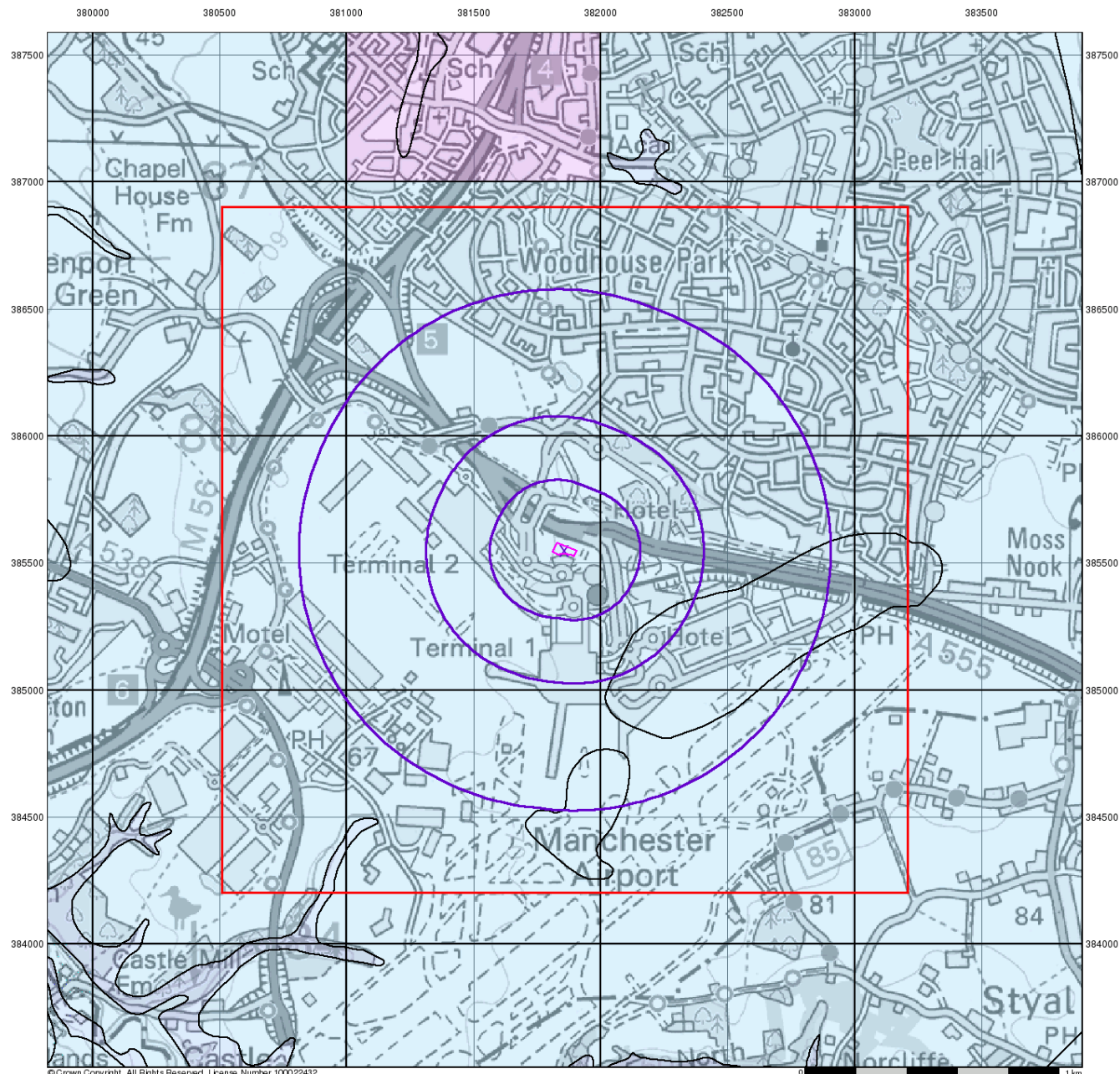
Contact	Name and Address	Contact Details
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX D - ENVIRONMENTAL & GEOLOGICAL MAPS



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Groundwater Vulnerability

General

- Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Agency and Hydrological

Bedrock Aquifers

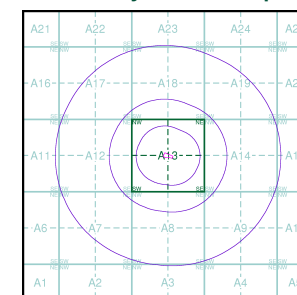
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

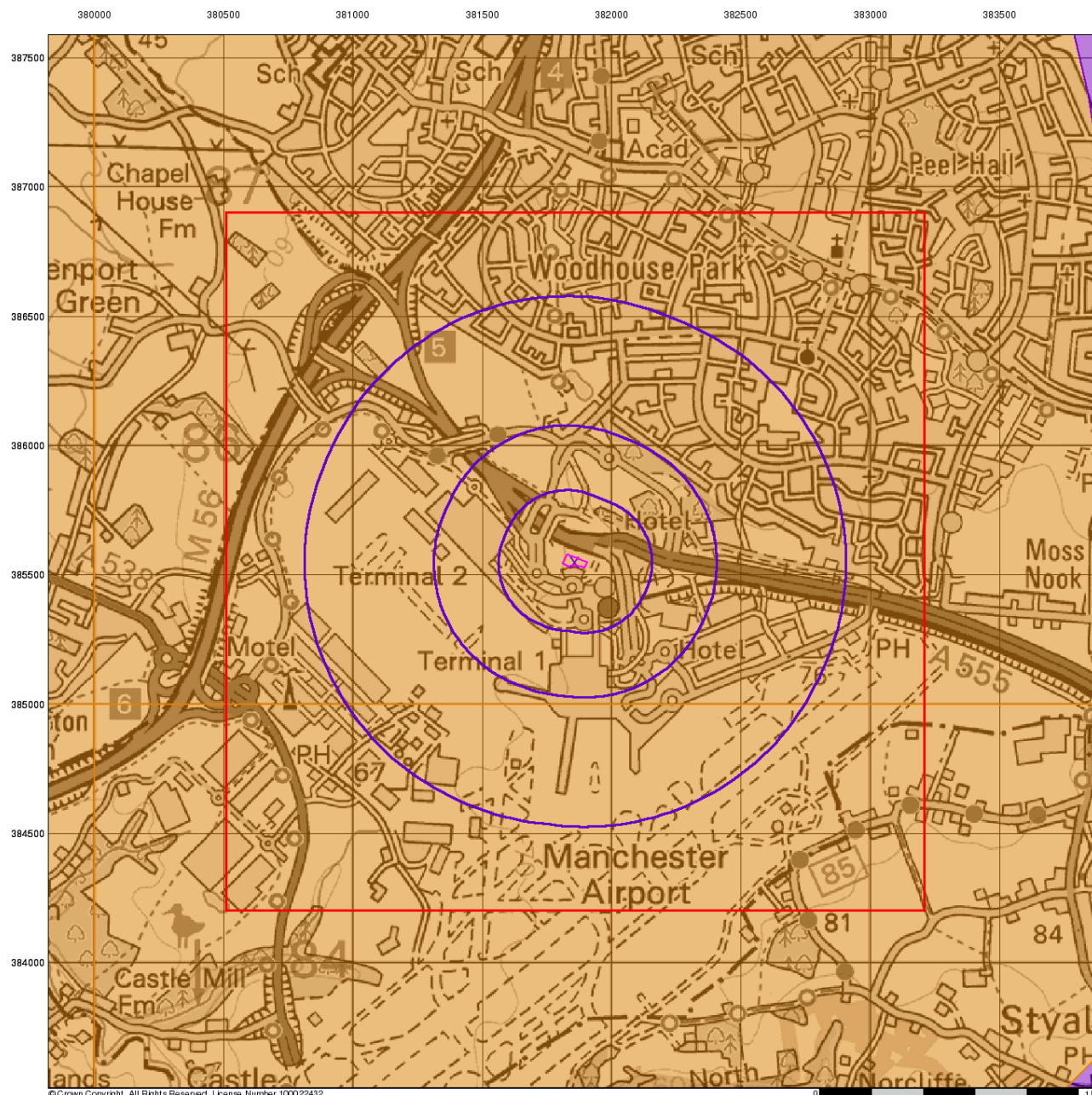
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 Customer Ref: 4700
 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Bedrock Aquifer Designation

General

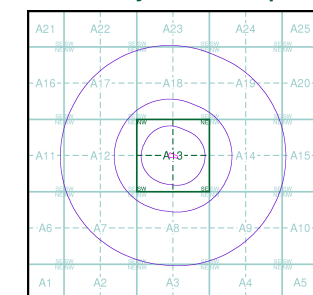
- ◊ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Ⓢ Map ID

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

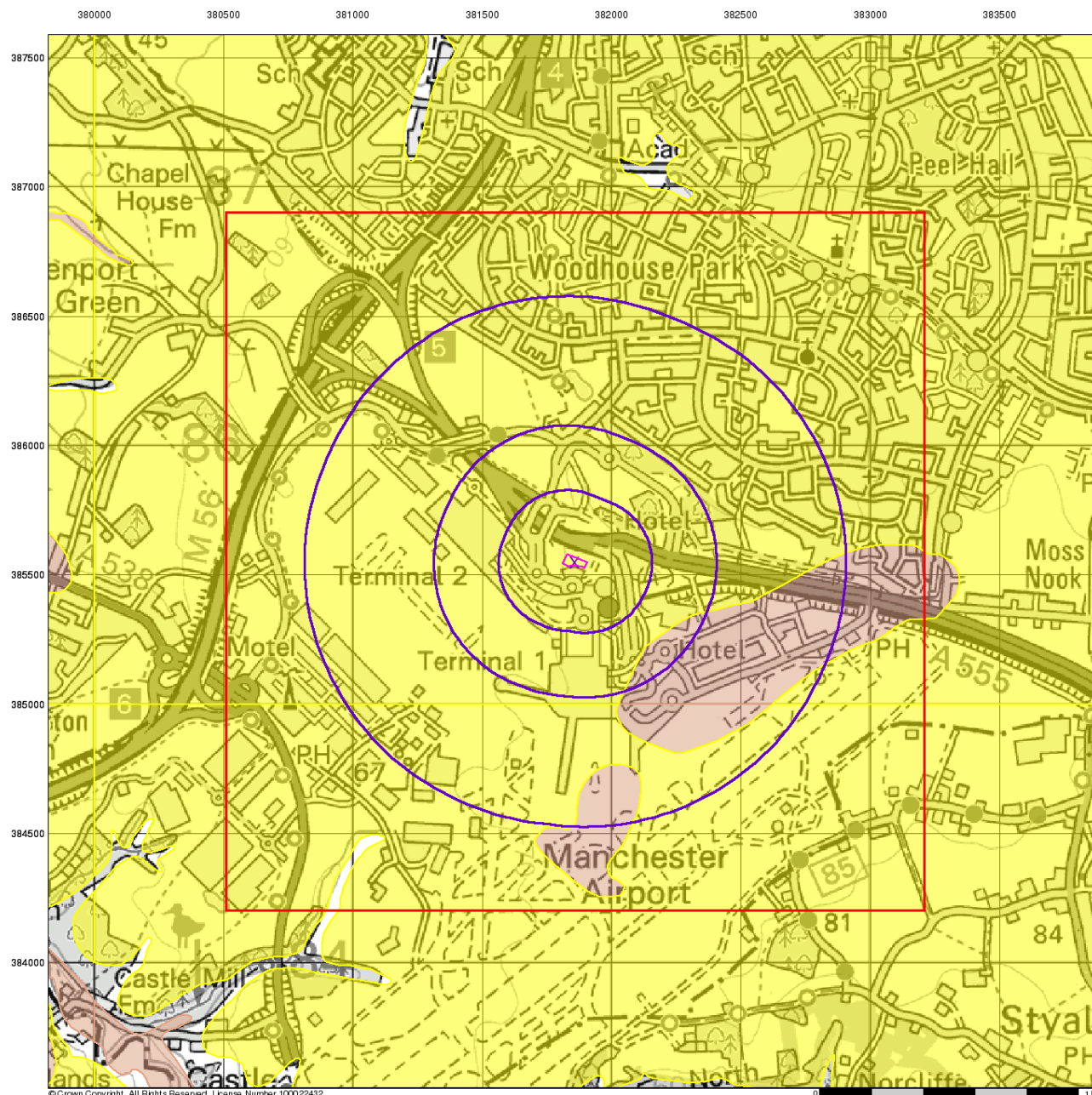
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 Customer Ref: 4700
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 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

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0 1 km



Superficial Aquifer Designation

General

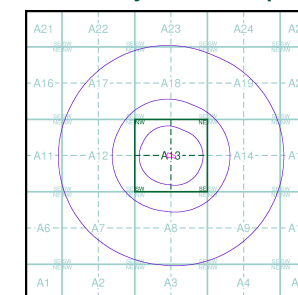
- Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

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

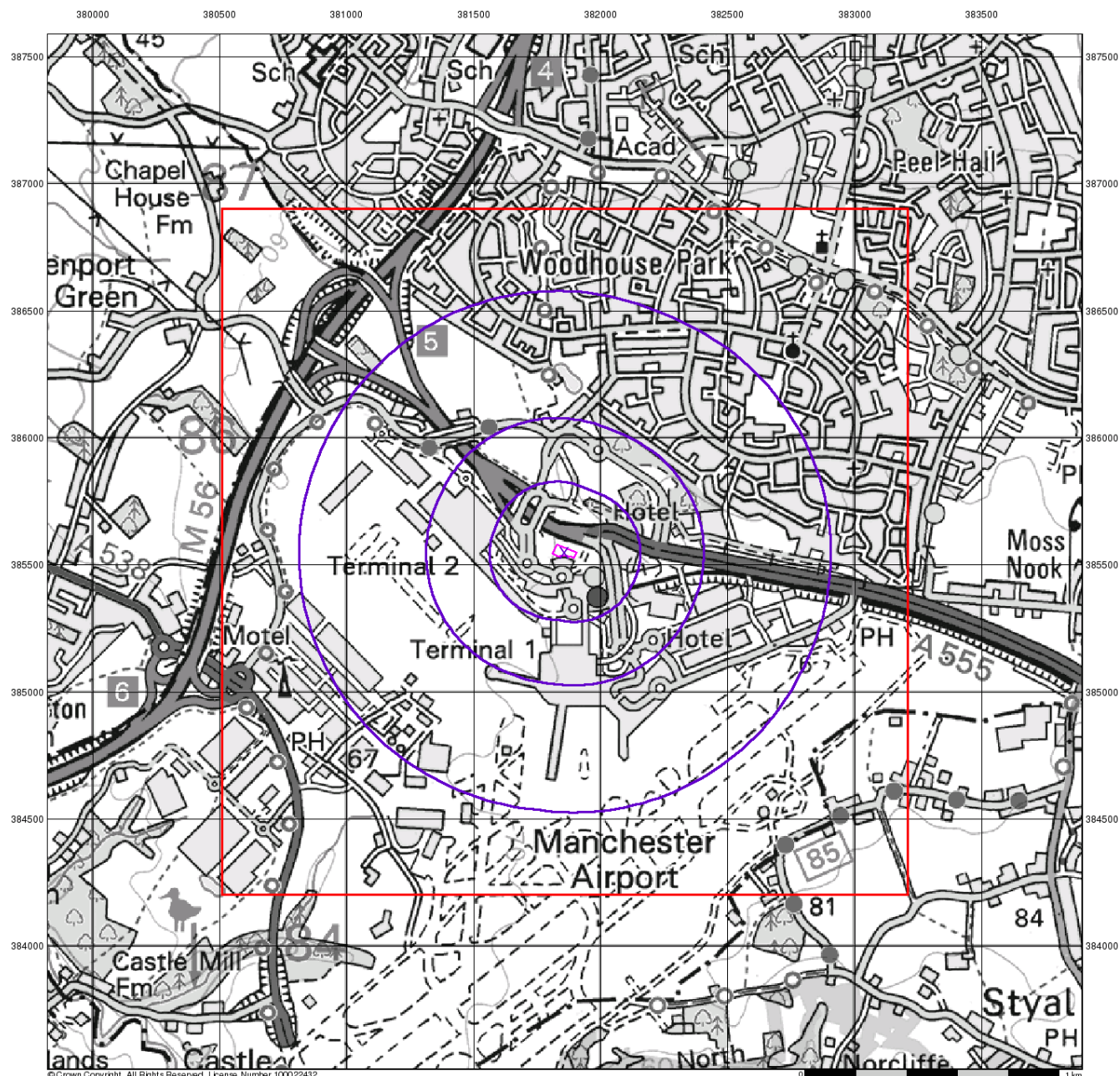
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 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Source Protection Zones

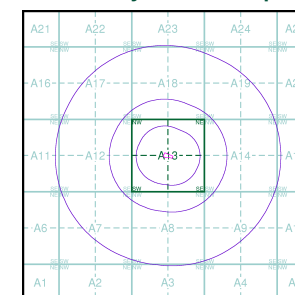
General

- 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

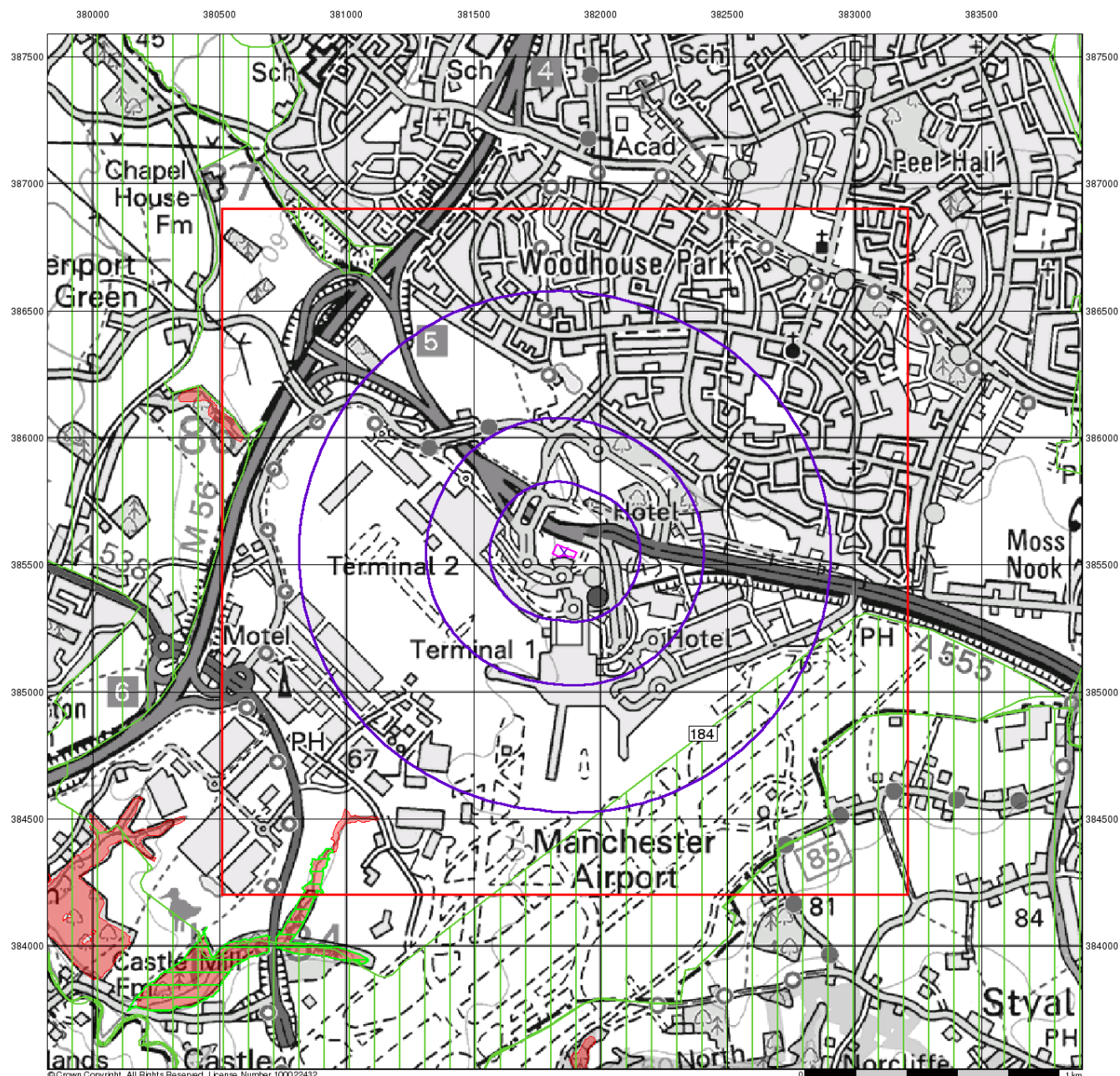
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 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

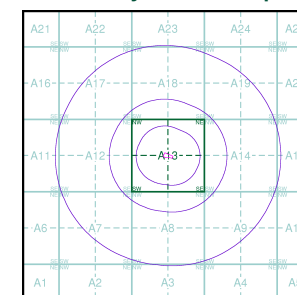
General

- ◇ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

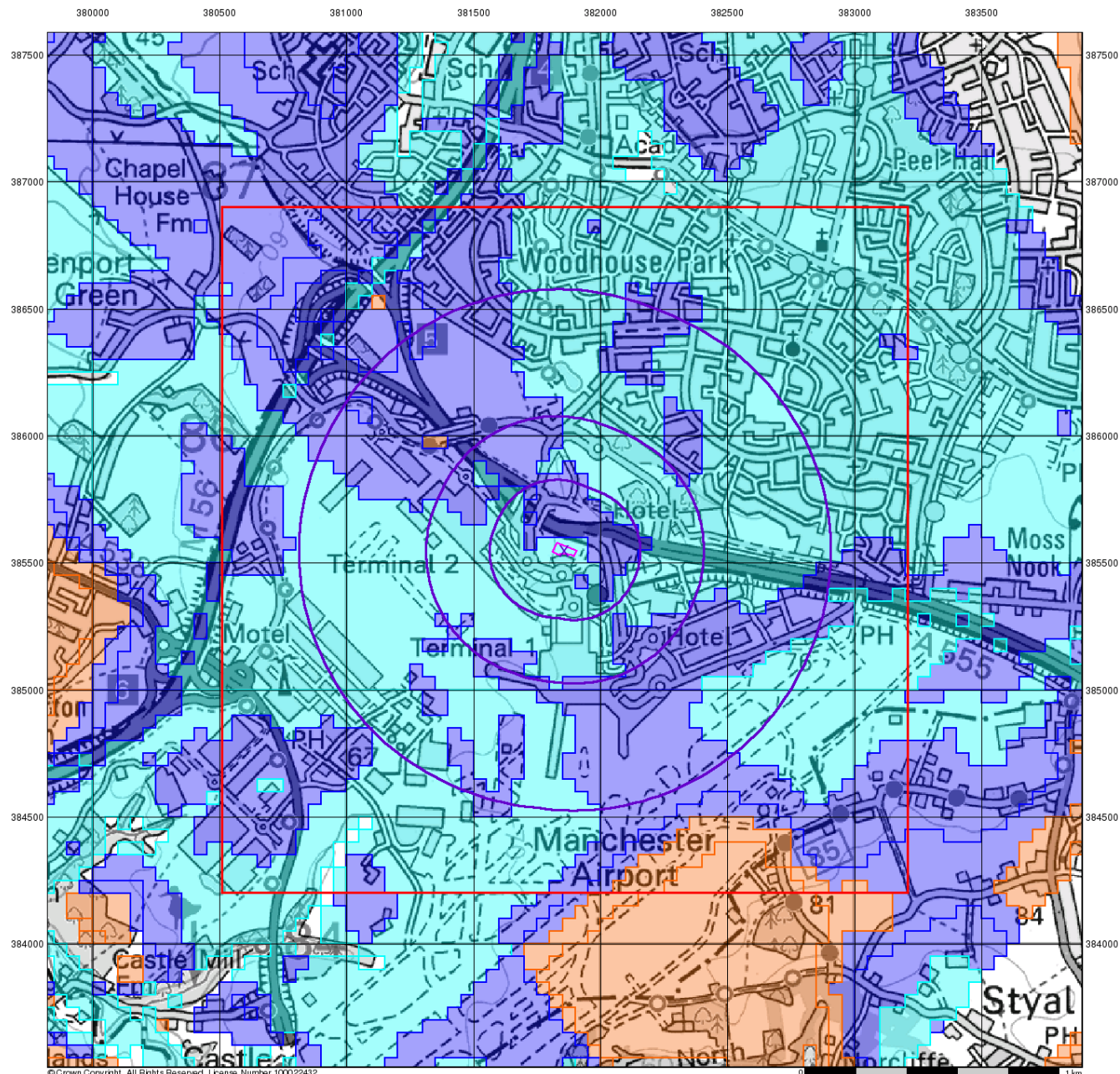
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 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550

Landmark
 INFORMATION GROUP

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BGS Flood GFS Data

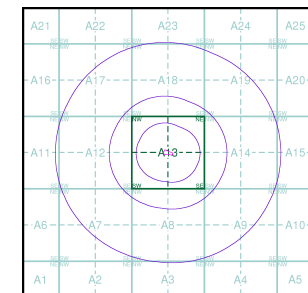
General

- 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: 355732361_1_1
 Customer Ref: 4700
 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



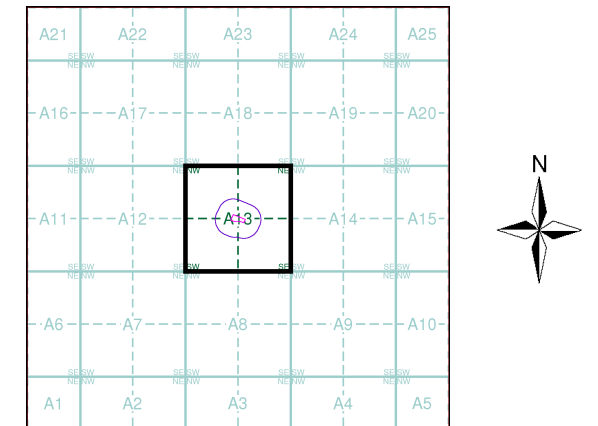
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

- | | | | |
|--|--|--|--------|
| Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID |
| Several of Type at Location | Pylon | Overhead Transmission Line | |
| Agency and Hydrological | | | |
| Contaminated Land Register Entry or Notice (Location) | BGS Recorded Landfill Site (Location) | BGS Recorded Landfill Site | |
| Contaminated Land Register Entry or Notice | EA Historic Landfill (Buffered Point) | EA Historic Landfill (Polygon) | |
| Discharge Consent | Integrated Pollution Control Registered Waste Site | Licensed Waste Management Facility (Landfill Boundary) | |
| Enforcement or Prohibition Notice | Licensed Waste Management Facility (Location) | Local Authority Recorded Landfill Site (Location) | |
| Integrated Pollution Control | Local Authority Pollution Prevention and Control Enforcement | Local Authority Recorded Landfill Site | |
| Integrated Pollution Prevention Control | Pollution Incident to Controlled Waters | Potentially Infilled Land (Non-water) | |
| Local Authority Integrated Pollution Prevention and Control | Prosecution Relating to Authorised Processes | Potentially Infilled Land (Non-water) | |
| Local Authority Pollution Prevention and Control Enforcement | Prosecution Relating to Controlled Waters | Potentially Infilled Land (Water) | |
| Pollution Incident to Controlled Waters | Registered Radioactive Substance | Potentially Infilled Land (Water) | |
| Prosecution Relating to Authorised Processes | River Network or Water Feature | Potentially Infilled Land (Water) | |
| Prosecution Relating to Controlled Waters | River Quality Sampling Point | Registered Landfill Site | |
| Registered Radioactive Substance | Substantiated Pollution Incident Register | Registered Landfill Site (Location) | |
| River Network or Water Feature | Water Abstraction | Registered Landfill Site (Point Buffered to 100m) | |
| River Quality Sampling Point | Water Industry Act Referral | Registered Landfill Site (Point Buffered to 250m) | |
| Substantiated Pollution Incident Register | | Registered Waste Transfer Site (Location) | |
| Water Abstraction | | Registered Waste Transfer Site | |
| Water Industry Act Referral | | 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 | | | |
| Geological | | | |
| BGS Recorded Mineral Site | | | |

Site Sensitivity Map - Segment A13



Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Plot Buffer (m): 100

Site Details

Site at 381870, 385550

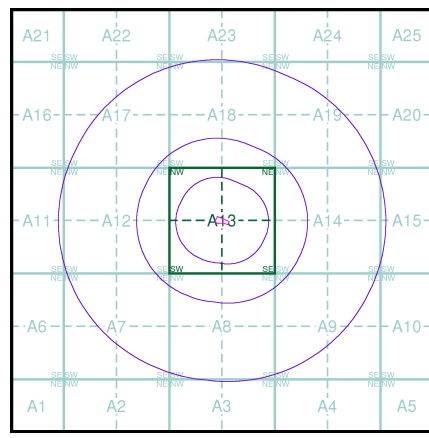
Landmark
INFORMATION GROUP

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



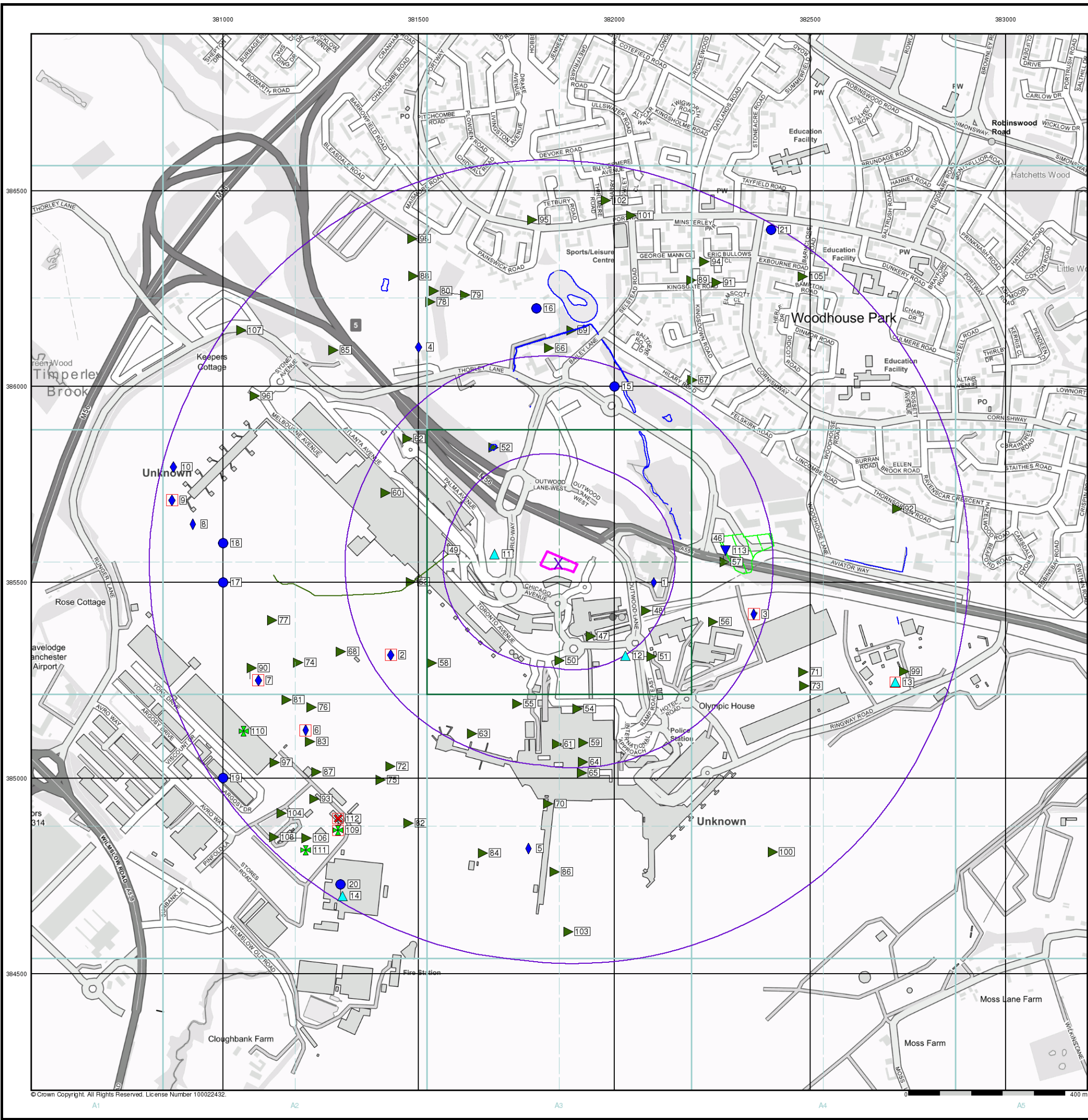
- General**
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- Agency and Hydrological**
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution 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
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- 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)
 - 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

Site Sensitivity Map - Slice A



Order Details
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details
Site at 381870, 385550



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Industrial Land Use Map

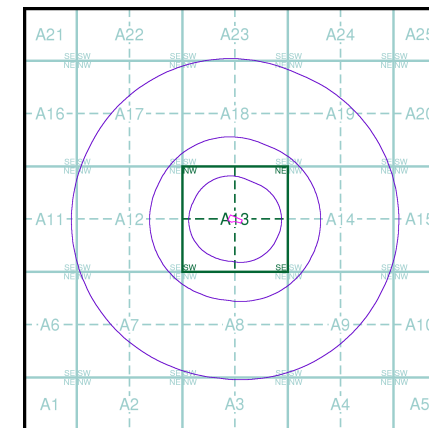
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- 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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550

Landmark
INFORMATION GROUP

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



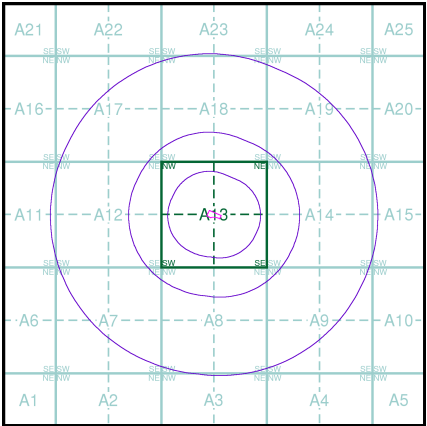
General

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

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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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General

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

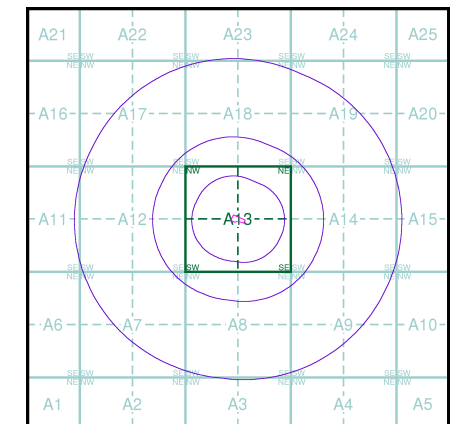
Agency and Hydrological (Boreholes)

- 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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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General

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

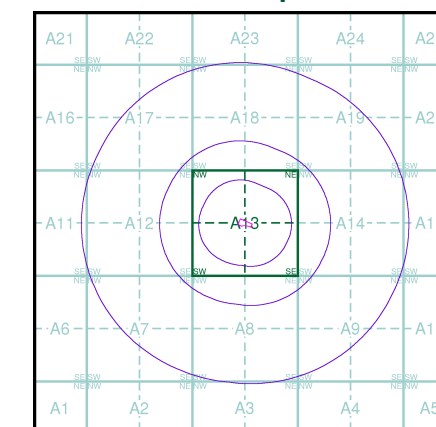
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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General

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

Risk of Flooding from Surface Water

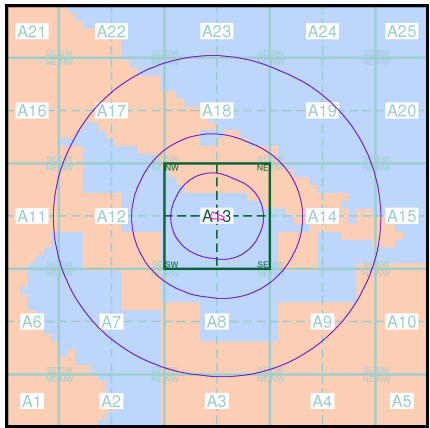
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A



Order Details

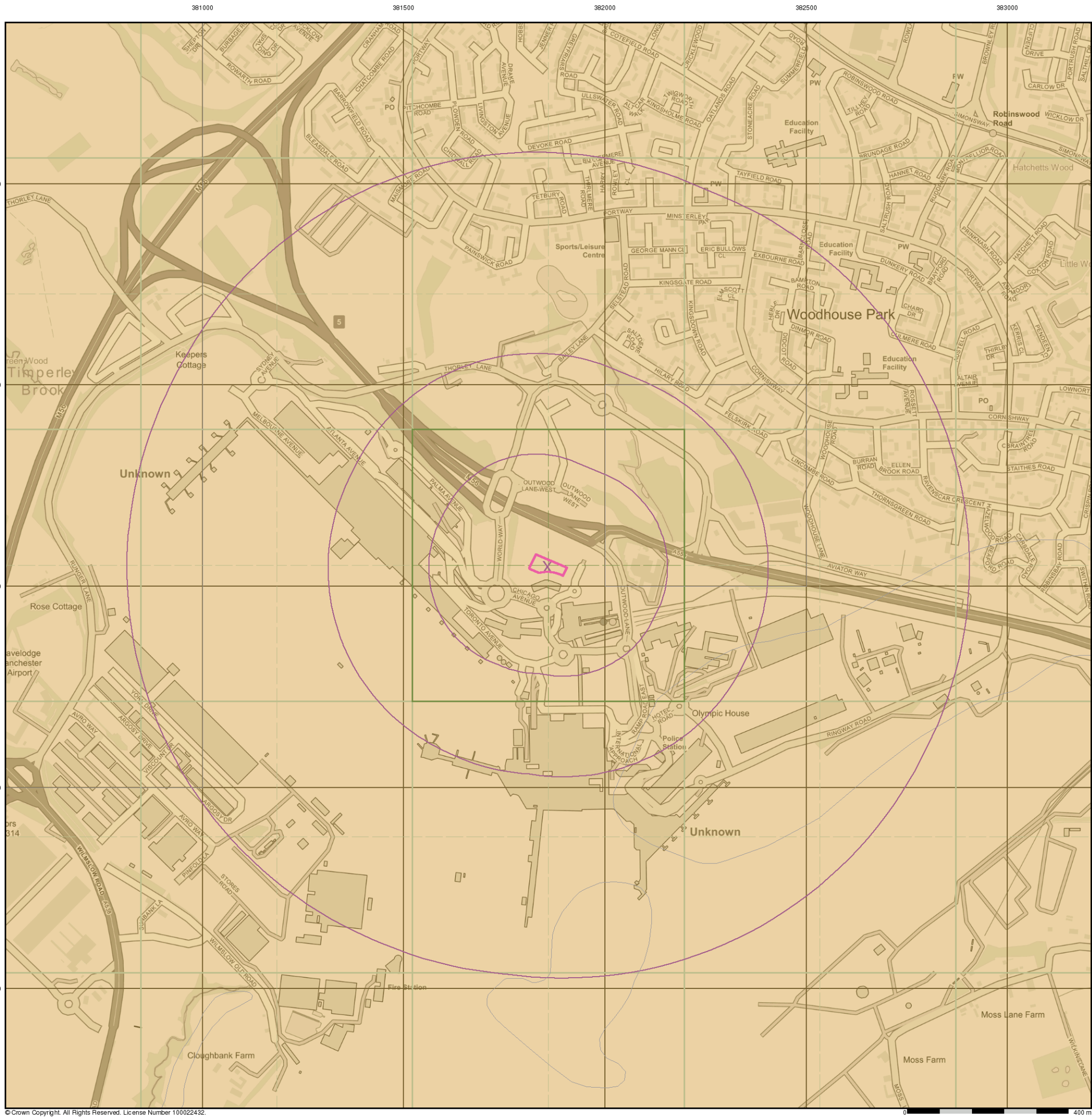
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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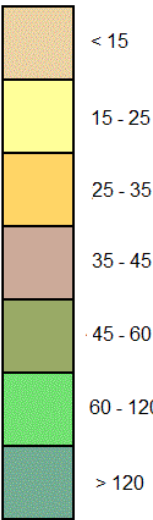


General

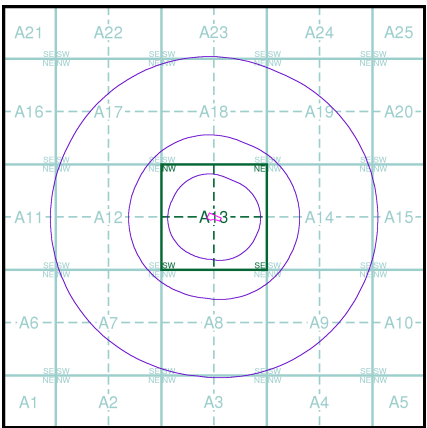
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

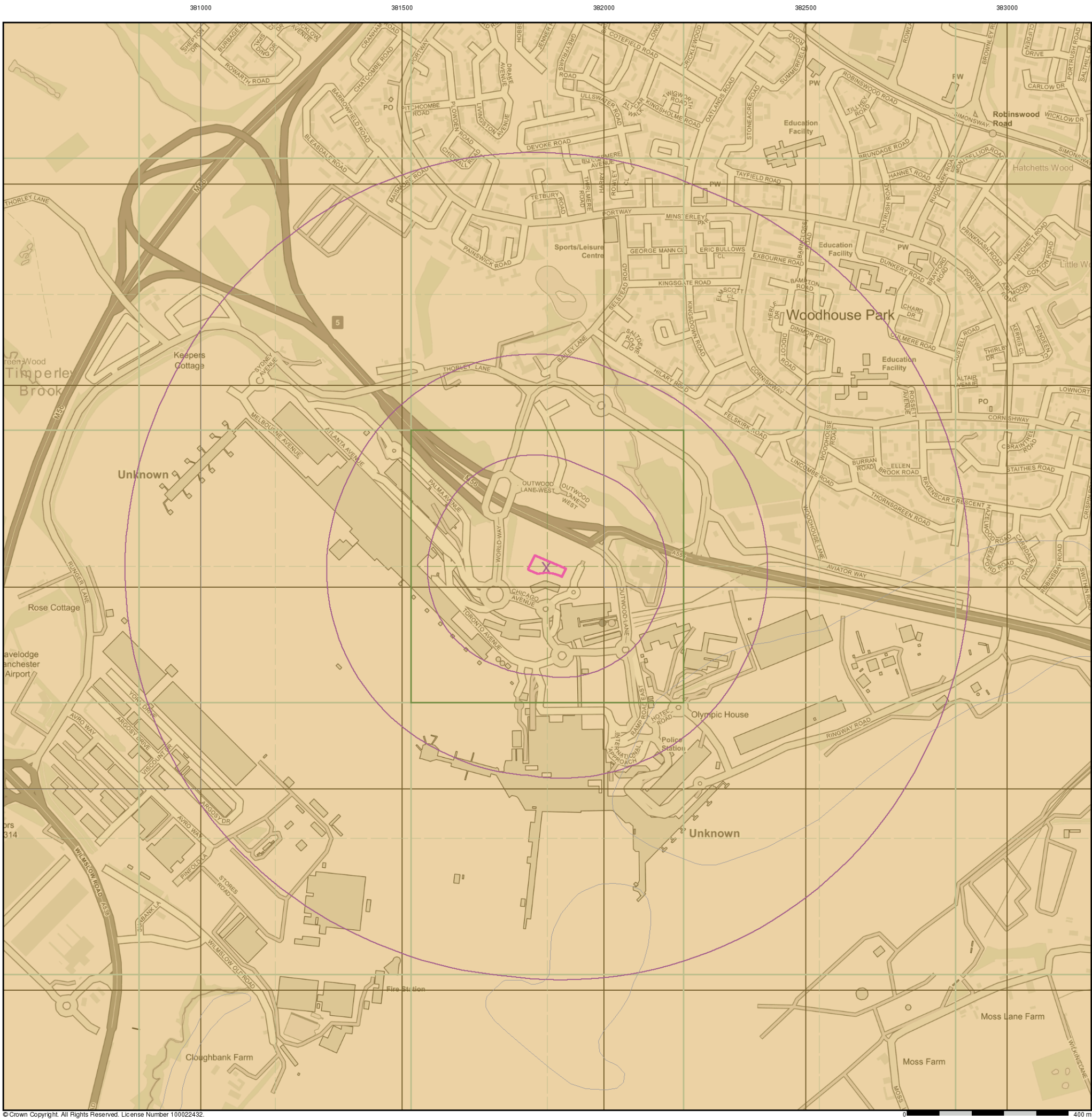
Order Details: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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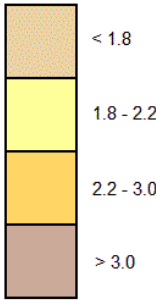


General

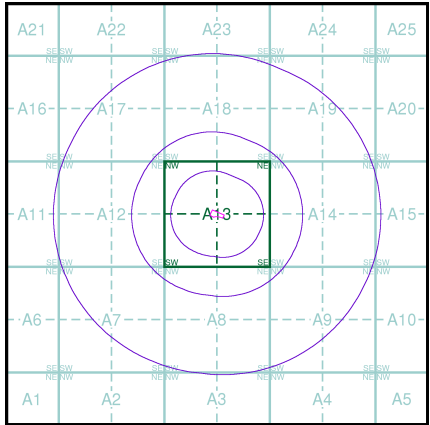
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

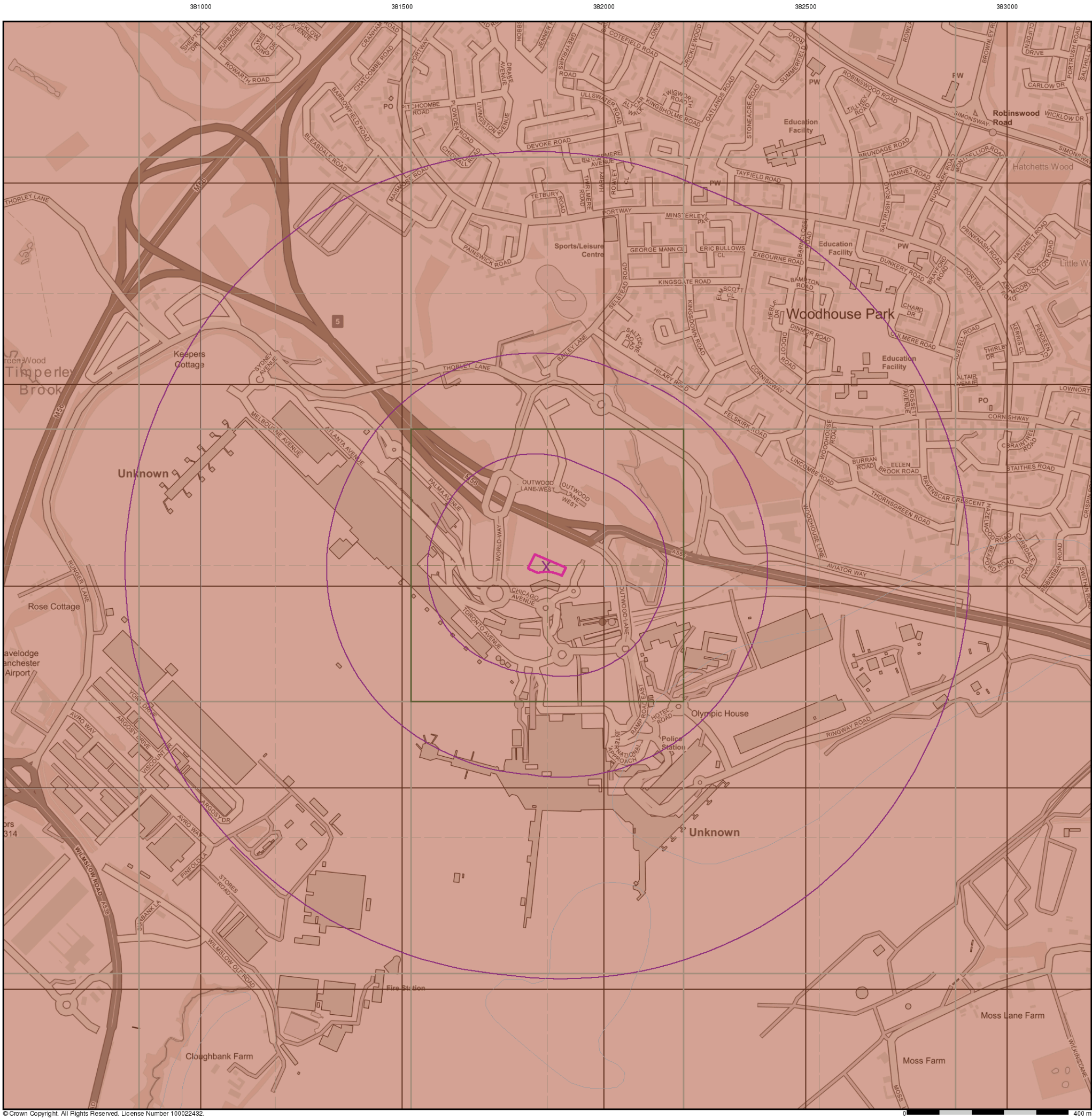
Order Details: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Web: www.envirocheck.co.uk

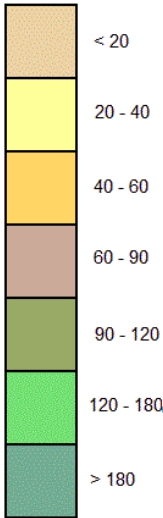


General

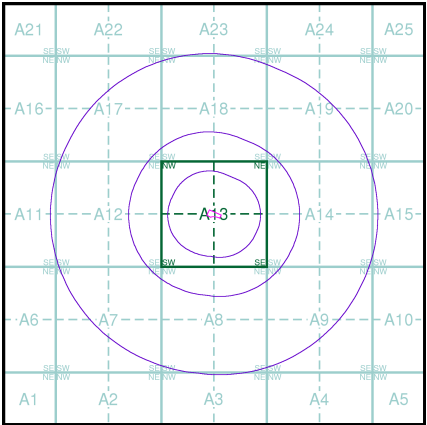
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

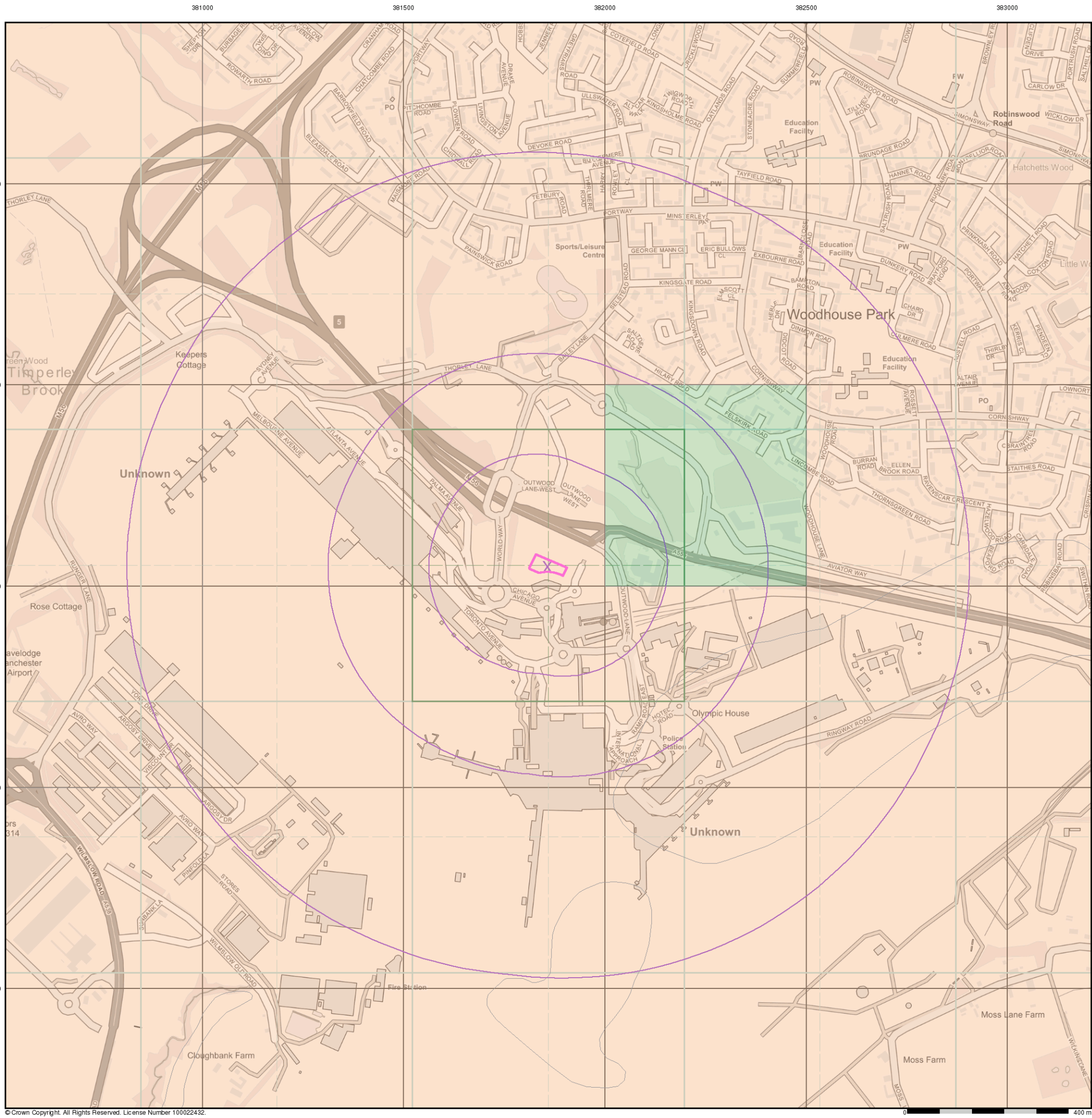
Order Details: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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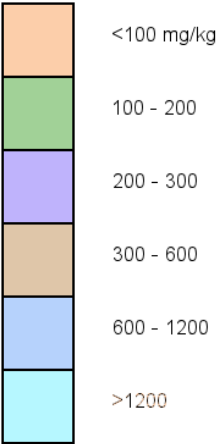


General

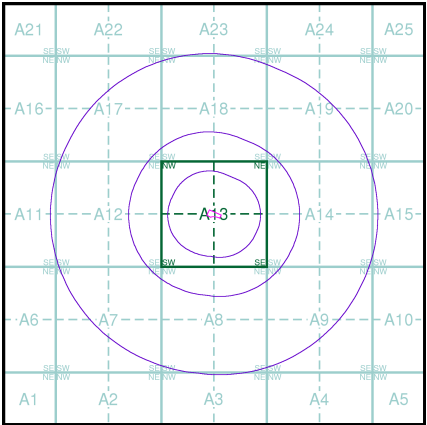
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

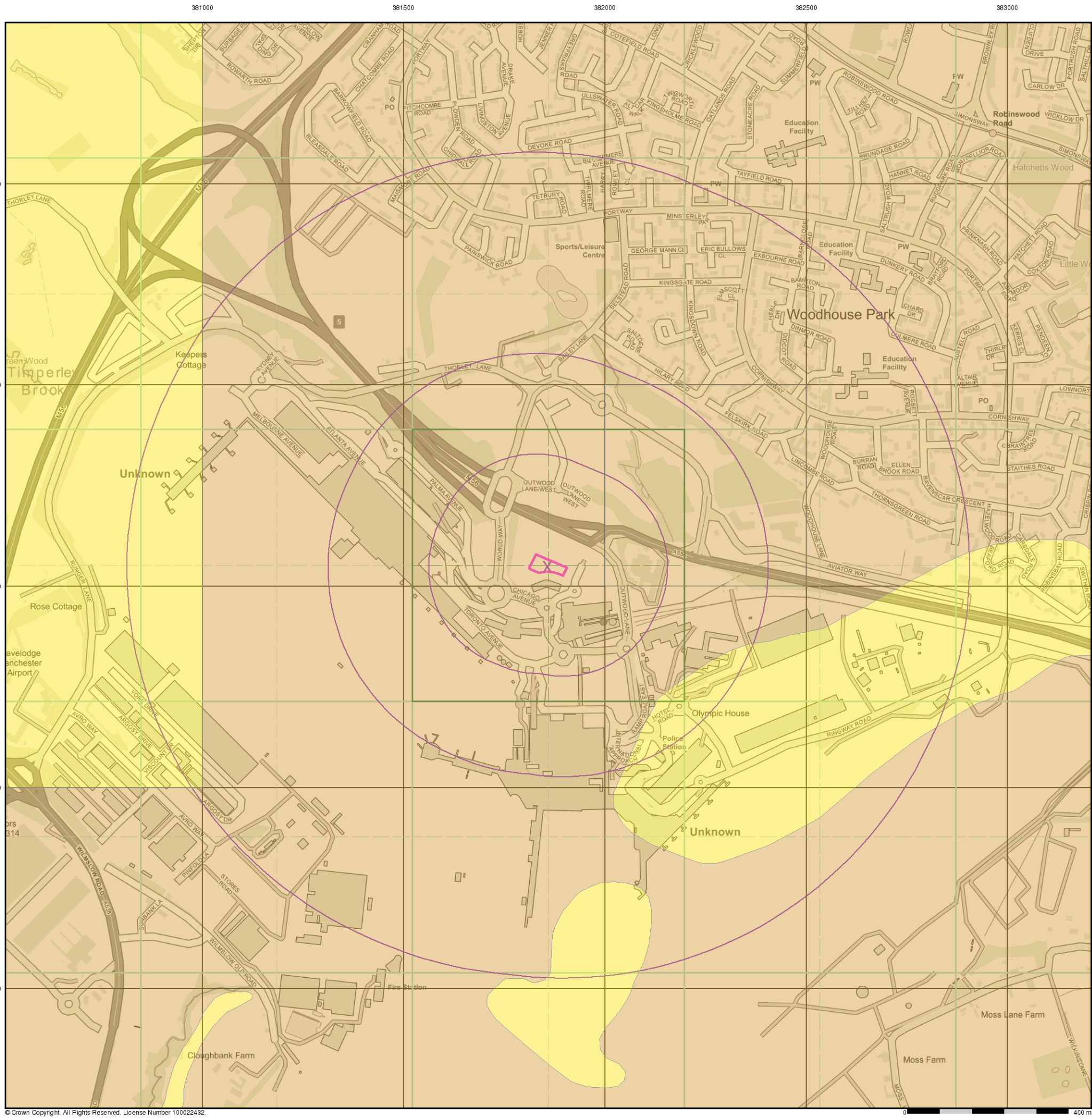
Order Details: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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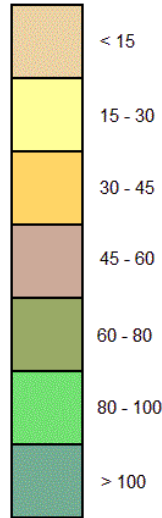


General

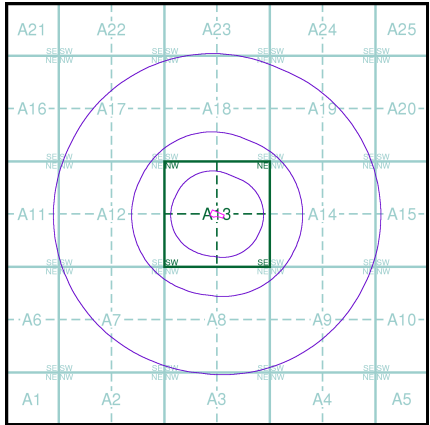
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

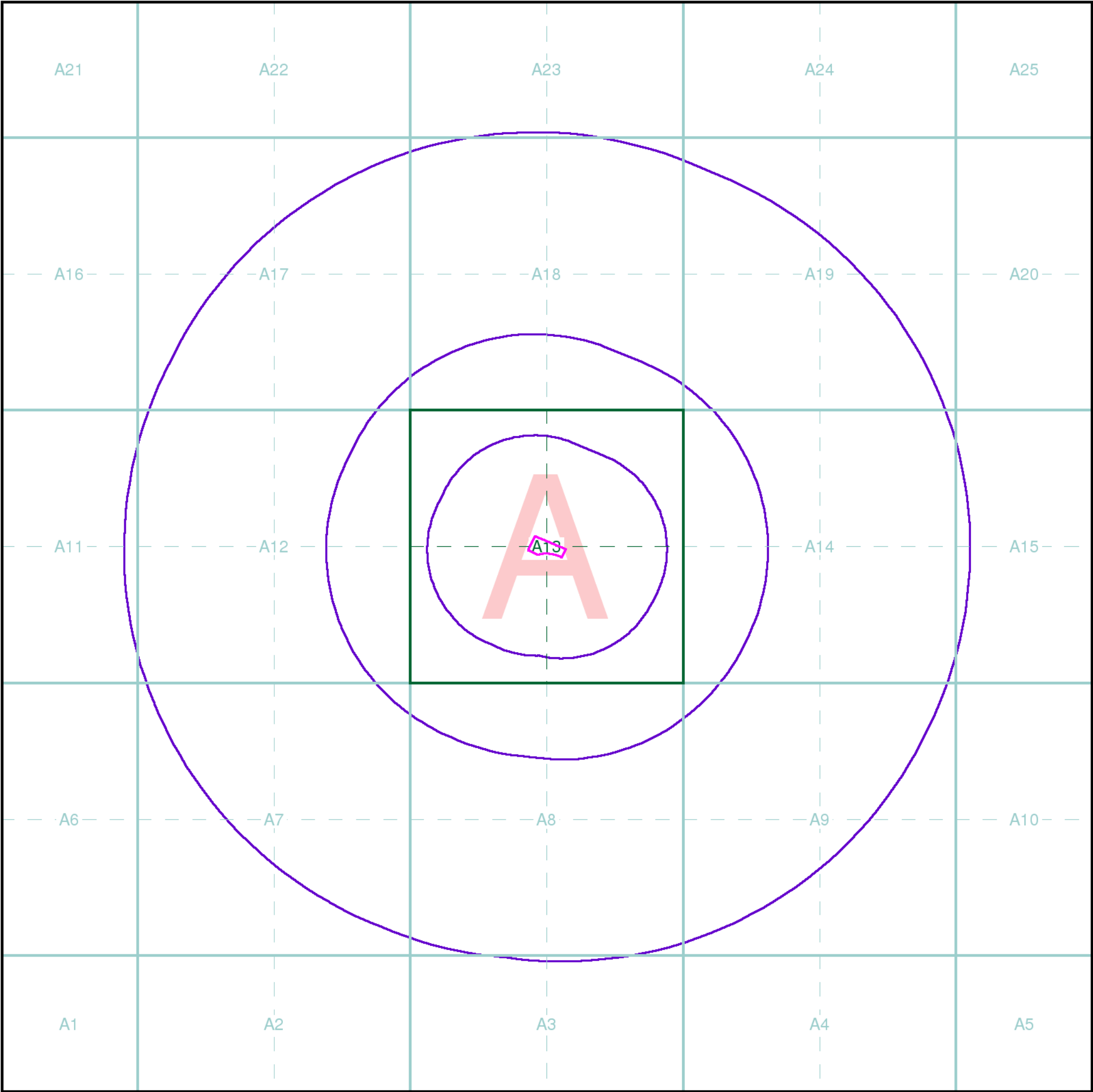
Order Details: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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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.

Prepared For

Emily Fleet
MAG Property
6th Floor, Olympic House
Manchester Airport
M90 1QX

Client Details

Mr R McGuinness, Roc Consulting, Commercial Wharf, 6
Commercial Street, Manchester, M15 4PZ

Order Details

Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550

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



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COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX E – ENVIROCHECK MINING AND GROUND STABILITY DATA



Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

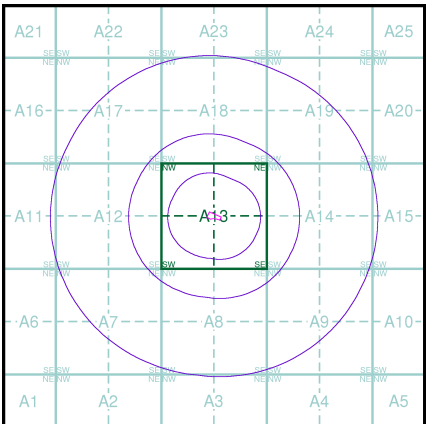
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

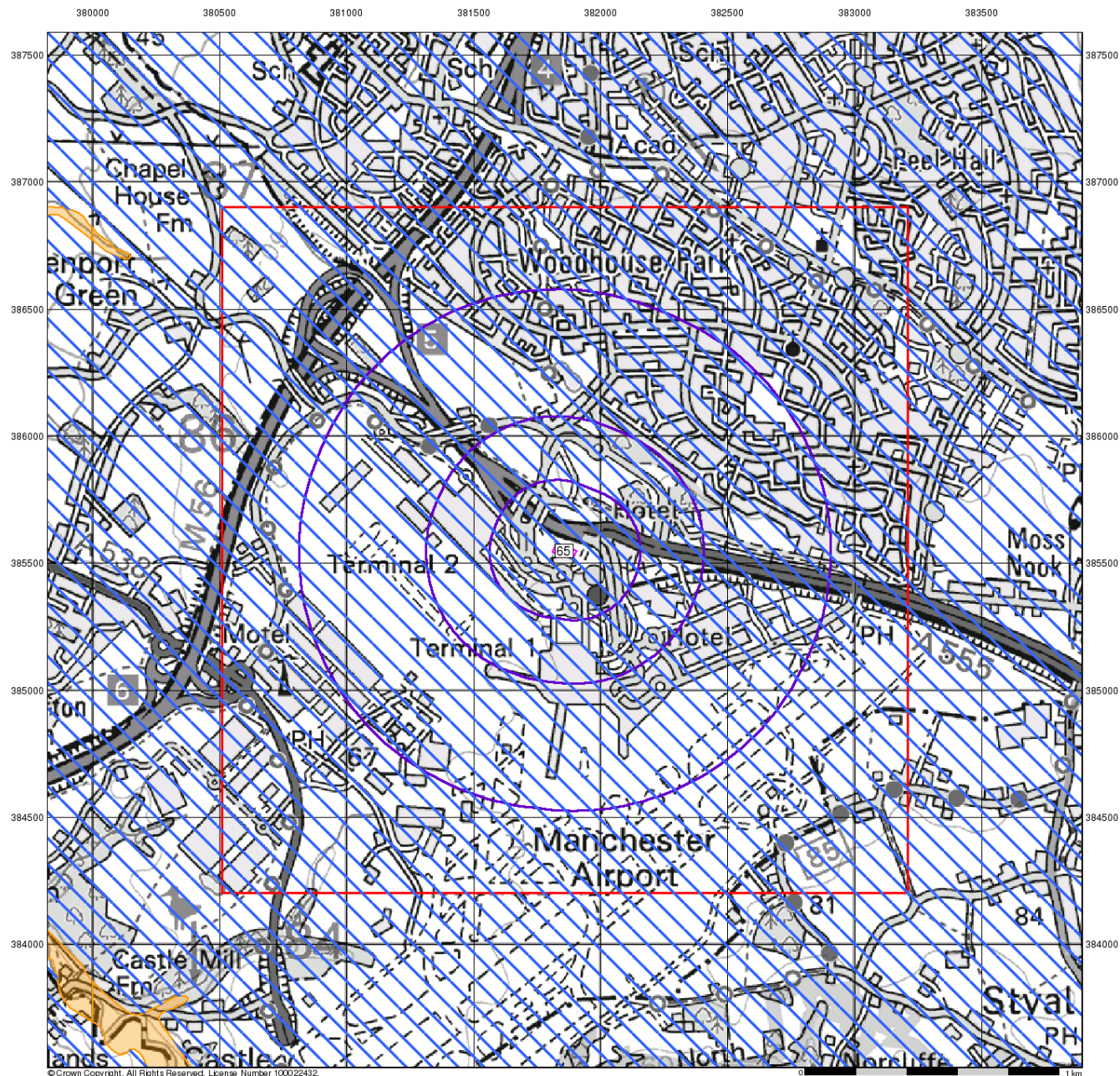
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

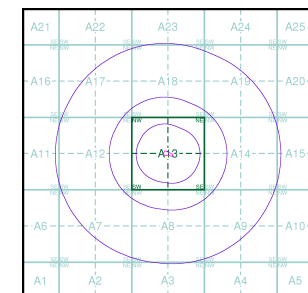
Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- | | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature | | |
| Salt Mining Related Feature | | |

Mining and Ground Stability - Slice A



Order Details

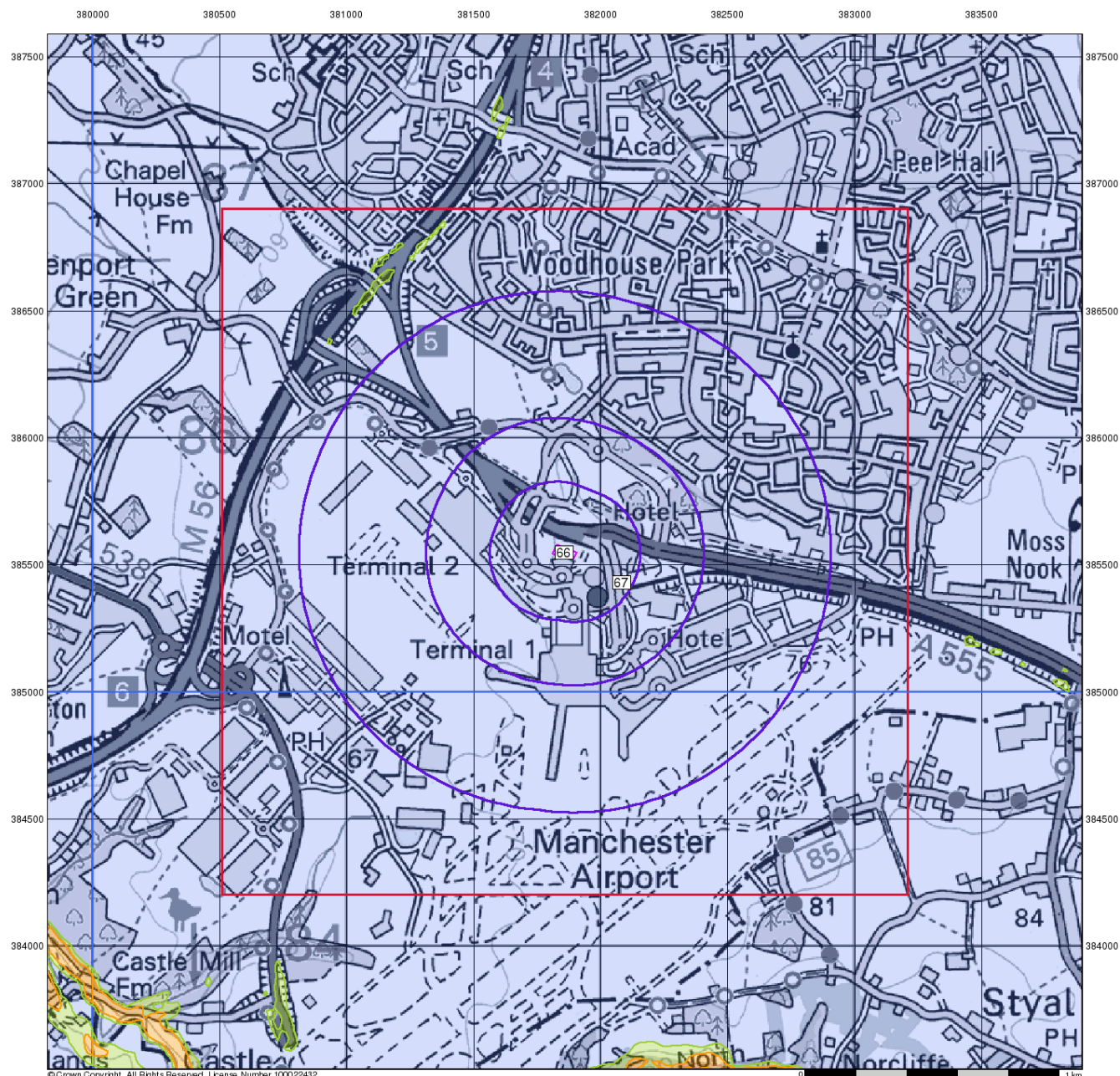
Order Number: 355732361_1_1
 Customer Ref: 4700
 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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 Web: www.ernirocheck.co.uk



Ground Stability Data (1:50,000)

General

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

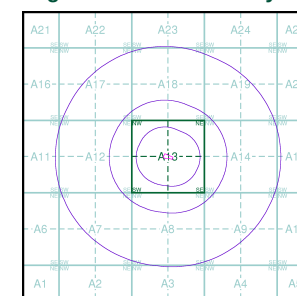
Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High
- ▨ Low
- ▨ Moderate
- ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

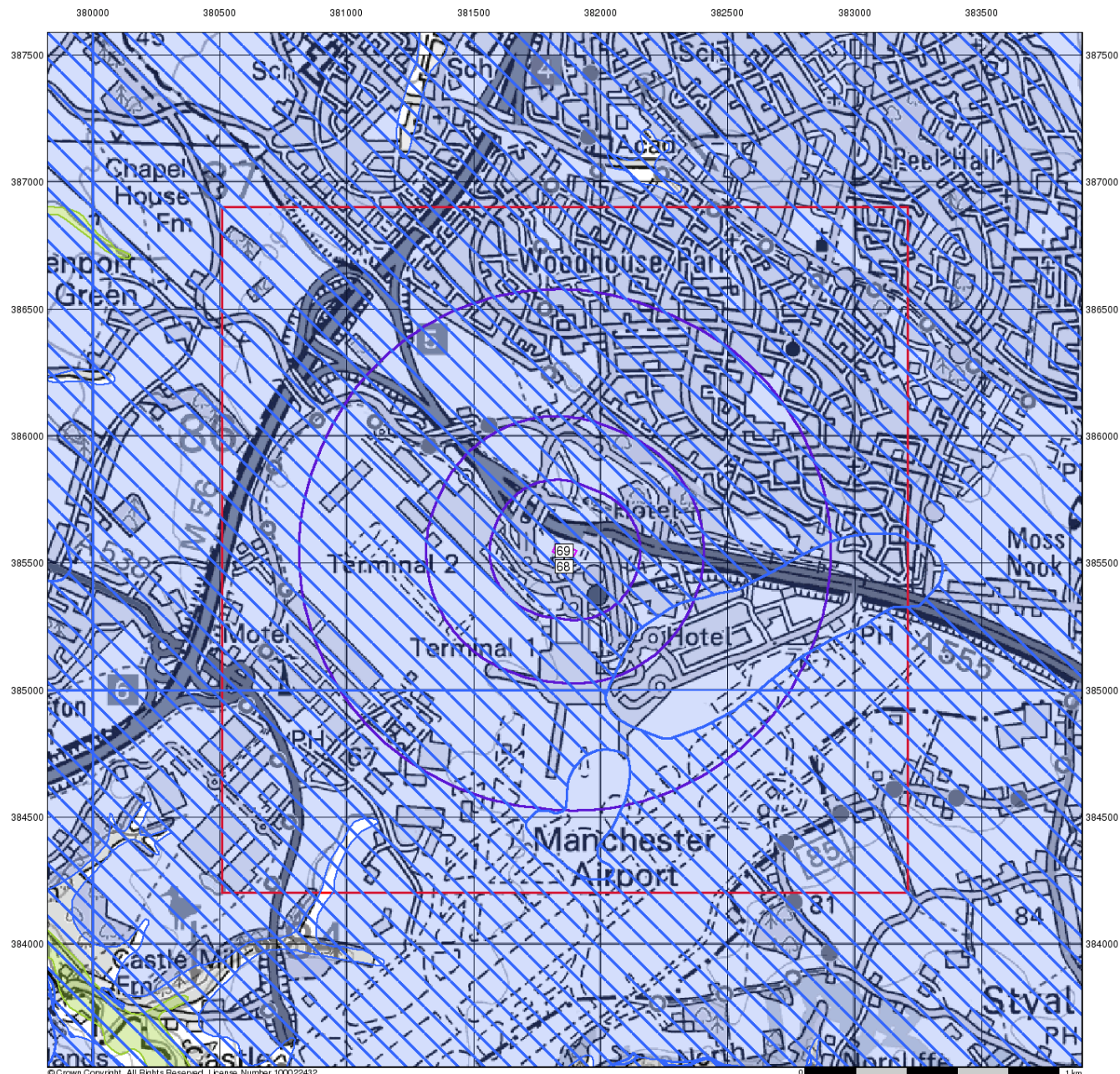
Order Number: 355732361_1_1
 Customer Ref: 4700
 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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Ground Stability Data (1:50,000)

General

- ◇ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

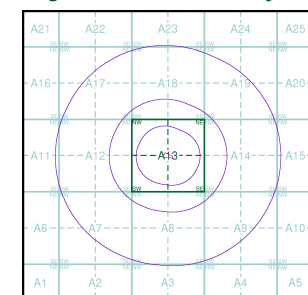
Potential for Running Sand Ground Stability Hazards

- High Low
- Moderate Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High Low
- Moderate Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 355732361_1_1
 Customer Ref: 4700
 National Grid Reference: 381860, 385550
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 381870, 385550



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

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

355732361_1_1

Customer Reference:

4700

National Grid Reference:

381860, 385550

Slice:

A

Site Area (Ha):

0.26

Search Buffer (m):

1000

Site Details:

Site at 381870, 385550

Client Details:

Mr R McGuinness
Roc Consulting
Commercial Wharf
6 Commercial Street
Manchester
M15 4PZ

Prepared For:

Emily Fleet
MAG Property
6th Floor, Olympic House
Manchester Airport
M90 1QX

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	-
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	2
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	5
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	6
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	7
Data Suppliers	8
Useful Contacts	9

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1			1	
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 2			1	
Potentially Infilled Land (Water)	pg 2		4	14	44
Ground Stability Data (1:50,000)					
CBSCB Compensation District	pg 5	Yes	n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes		n/a	n/a
Salt Mining Related Features					



Summary

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Woodhouse Farm Brick Field Location: Woodhouse Park, Manchester, Cheshire Source: British Geological Survey, National Geoscience Information Service Reference: 95256 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Bollin Mudstone Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (E)	380	1	382283 385585
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A14NW (E)	366	-	382265 385613
3	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	168	-	381936 385363
4	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13SE (SE)	208	-	382077 385427
5	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (W)	226	-	381590 385582
6	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (S)	229	-	381856 385300
7	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A13SE (SE)	282	-	382077 385310
8	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (NW)	302	-	381687 385845
9	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	339	-	381476 385501
10	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	349	-	381902 385177
11	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (S)	354	-	381748 385190
12	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A14SW (E)	373	-	382248 385399
13	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14NW (E)	373	-	382278 385567
14	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13SW (SW)	378	-	381530 385293
15	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	437	-	381916 385090
16	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NE (W)	442	-	381411 385729
17	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	452	-	381892 385074
18	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NE (NW)	464	-	381467 385867
19	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8NW (SW)	466	-	381632 385113
20	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	485	-	381915 385042
21	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	511	-	381913 385016
22	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SW (N)	521	-	381829 386098

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (NE)	553	-	382195 386017
24	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	561	-	381298 385323
25	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (N)	569	-	381886 386143
26	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	595	-	381827 384935
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	636	-	382479 385271
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	644	-	381424 385030
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	654	-	382481 385235
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SE (W)	673	-	381188 385295
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	686	-	381399 384996
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	698	-	381216 385181
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SW (W)	706	-	381122 385403
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SW (NW)	707	-	381526 386216
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (NW)	712	-	381568 386241
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (NW)	723	-	381535 386238
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	739	-	381159 385200
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	742	-	381470 384885
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A7NE (SW)	742	-	381219 385099
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SW (S)	746	-	381660 384808
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SE (NW)	754	-	381279 386093
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SW (S)	767	-	381844 384761
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	783	-	381235 385015

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17NE (NW)	785	-	381482 386282
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A19NW (NE)	790	-	382217 386271
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12SW (W)	798	-	381069 385254
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	802	-	382258 386266
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A14NE (E)	826	-	382719 385688
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A7NE (SW)	835	-	381229 384947
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	837	-	382226 386319
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NW (N)	849	-	381787 386425
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SW (NW)	851	-	381077 385977
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	851	-	381128 385040
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A17NE (NW)	873	-	381480 386377
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14SE (E)	876	-	382736 385268
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (SE)	876	-	382401 384811
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	885	-	382039 386437
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18NE (N)	909	-	381974 386475
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8SE (S)	919	-	381878 384608
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NW (SW)	920	-	381146 384911
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19NW (NE)	932	-	382478 386281
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7SW (SW)	949	-	381169 384847
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SW (NW)	969	-	381042 386144
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SW (SW)	976	-	381127 384849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District Description: In an area which may be affected by historic brine pumping (the Compensation District). The Law Society recommend that all property transactions should obtain a CON29M search. The CBSCB website: http://www.cheshirebrine.com/ has information regarding how to obtain a search and other information regarding the continuing functions of the Board. Contact details are included in the Useful Contacts section. Source: Cheshire Brine Subsidence Compensation Board (CBSCB)	A13SW (E)	0	2	381858 385549
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
65	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
66	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
67	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	211	1	382084 385431
68	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549
69	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	381858 385549

The following mapping has been analysed for Historical Land Use Information (1:2,500):

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Cheshire	018_00	1882
Cheshire	019_00	1882
Cheshire	018_NE	1899
Cheshire	018_SE	1899
Cheshire	019_SW	1899
Cheshire	018_SE	1910
Cheshire	018_NE	1911
Cheshire	019_SW	1911
Cheshire	018_NE	1938
Cheshire	018_SE	1938
Cheshire	019_SW	1938
Ordnance Survey Plan	SJ88NW	1954
Ordnance Survey Plan	SJ88SW	1954
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SJ88SW	1990
Ordnance Survey Plan	SJ88NW	1996

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
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
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	 Stantec
Wardell Armstrong	 wardell armstrong your earth our world
Johnson Poole & Bloomer	

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	Cheshire Brine Subsidence Compensation Board (CBSCB) Sir Henry Doulton House, Forge Lane, Etruria, Stoke on Trent, Staffordshire, ST1 5BD	Telephone: 0845 002 0562 Fax: 0845 111 8888 Email: info@cheshirebrine.com Website: www.cheshirebrine.com
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



Historical Land Use Information (1:2,500)

General

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

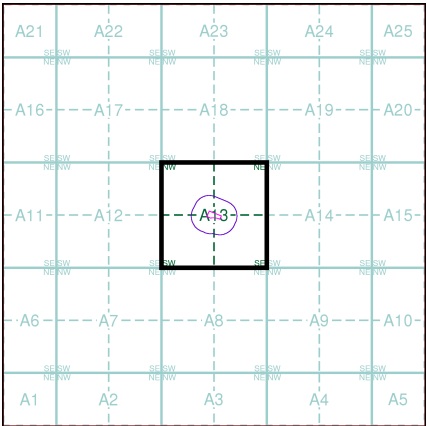
Potentially Contaminative Industrial Uses
(Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13



Order Details

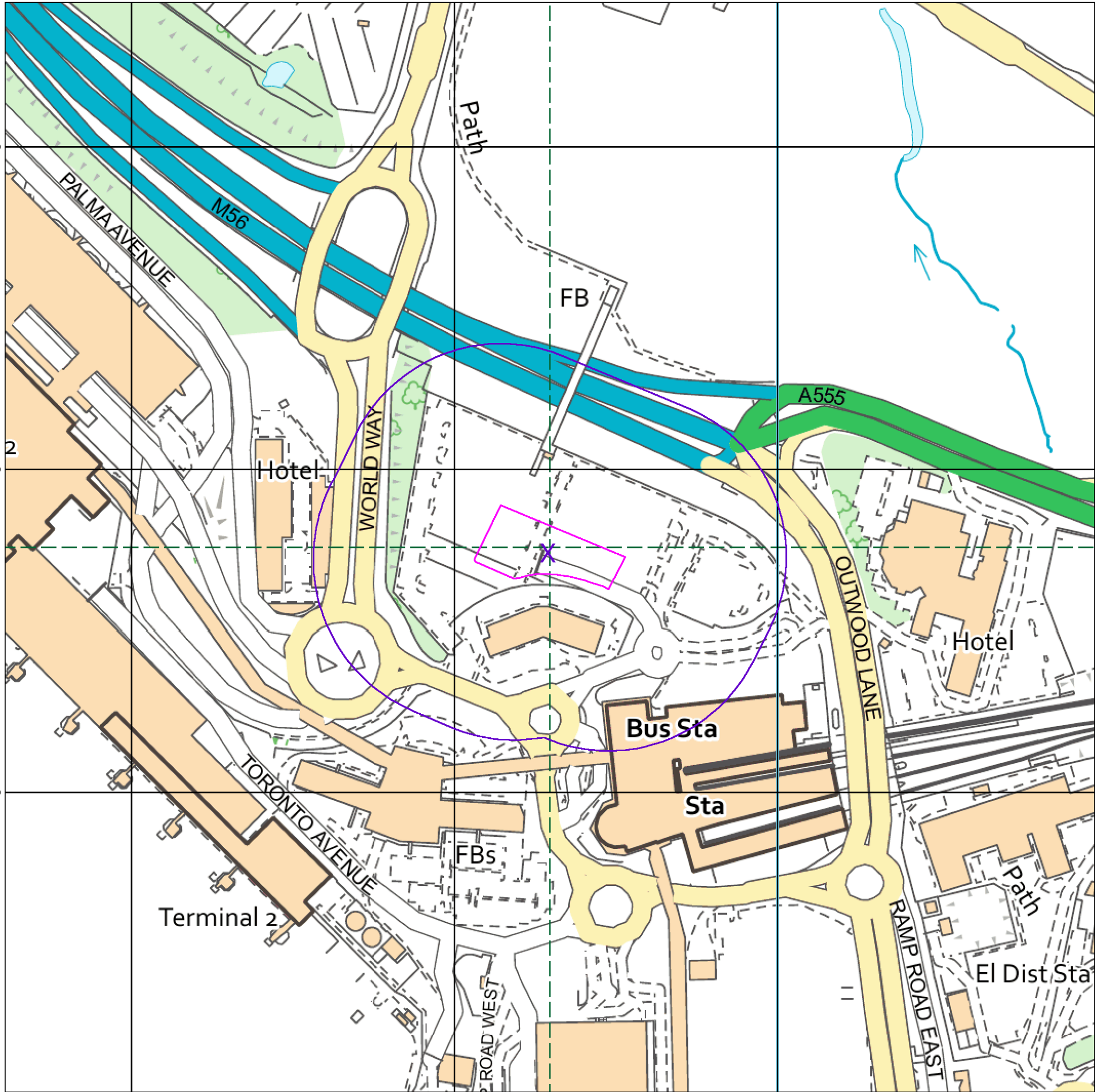
Order Number: 355732361_1_1
Customer Ref: 4700
National Grid Reference: 381860, 385550
Slice: A
Site Area (Ha): 0.26
Plot Buffer (m): 100

Site Details

Site at 381870, 385550



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