

PHASE 1 DESK STUDY AND PHASE 2 SITE INVESTIGATION REPORT

Site

**ROSE AVENUE,
GRAVESEND,
KENT DA12 2LN**

Client

GRAVESEND BOROUGH COUNCIL

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The groundwater observations entered on exploratory records are those noted at the time of the investigation. The normal rate of progress does not usually permit the recording of any equilibrium water level for any one water strike. It should be noted that groundwater levels are prone to seasonal variation and to changes in local drainage conditions. The word 'none' indicates that groundwater was sealed off by the borehole casing or that no water was observed in the exploratory hole upon completion.

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EXECUTIVE SUMMARY

This investigation has demonstrated that made ground overlies variable soils derived from the weathered profile of the chalk, which rest upon the White Chalk Subgroup of Cretaceous age. Strip or spread foundations located at a minimum depth of 1.00m can be designed to apply a maximum increase in load of 125kPa. Alternatively, should a greater bearing capacity be required then all foundations could be located within the white chalk, which is competent to accept an increase in load of 150kPa. It would be prudent, however, to undertake additional investigation once the existing structures have been demolished to confirm the consistency of the white chalk. No groundwater was encountered and problems in this regard are not anticipated.

The results of the geochemical testing have recorded some isolated, marginal exceedances of GAC for the heavy metal lead and phytotoxic levels of zinc, therefore, the discussion paragraphs of this report regarding contamination should be carefully considered.

1 INTRODUCTION

1.1 Phase 1 Objectives

The desk study comprises a review of the readily available geological, historical and environmental sources for information about the site. This includes the commissioning of an Envirocheck report supplied by Landmark Information Group. This report presents the findings of the desk study together with an outline Conceptual Site Model and preliminary risk assessment, based upon identified potential sources of contamination which may pose a significant risk to receptors or end-users of the site.

In preparing this report reference has been made to relevant guidance, which includes the 'Investigation of potentially contaminated sites. Code of Practice.' (BSI, 2011) and the Land Contamination: risk management (LCRM) guidance (2020).

1.2 Proposed Development

The client proposes to demolish the existing semi-detached dwellings at 9 to 39 Rose Avenue, Gravesend ("the site") and to construct 4 no blocks of flats as per the Proposed Layout in Figure 1.

1.3 Scope of Phase 2 Investigation

Based upon the initial desk study review, an intrusive investigation into ground conditions has been performed to ascertain the nature and engineering properties of the soils underlying the development site and to obtain data which will assist in the formulation of a safe and economical foundation solution, together with a geo-environmental appraisal of the site.

The intrusive investigation included the construction of three boreholes using a compact rig, which were extended by dynamic probing, and six boreholes using hand-held window sampling techniques, with small-scale soakaway or falling tests. During this work samples were recovered for further examination and laboratory testing. This report describes the work undertaken, presents the information obtained and discusses the ground conditions with respect to foundation construction and the long-term risks from ground contamination.

1.4 Geotechnical Category

It is considered that the project can be classified as Geotechnical Category 2. However, it should be appreciated that this report does not constitute a Geotechnical Design Report (GDR) as defined in Eurocode 7 and no aspect of this report constitutes a design. Specific sections of this report are generally in line with the guidance set out in Eurocode 7 for a Ground Investigation Report (GIR), as defined within BS EN 1997-2 (2007). This provides guidance on the number and spacing of investigation positions, methods of investigation and sample quality class to be achieved which may not have been met by this investigation.

2 PHASE 1 DESK STUDY – THE SITE

2.1 Site Location

The site outlined in red below covers an area of 4000m², and is located to the east of Gravesend at Ordnance Survey National grid reference 566410, 173340. The site is bounded by Riverside Community Centre along the full length of its northern boundary, with residential gardens forming the east and western boundaries. Rose Avenue forms the southern boundary of the site. North Kent College is present within 150m east of the site.

The recent available imagery indicates the site to comprise residential 2-storey semi-detached dwellings with an extensive concrete apron frontage publicly accessible by pedestrians, with some irregular areas of soft landscaping, assorted street furniture, trees and seating. A small area of car parking comprising 4 no spaces is present on the southern boundary. Photographs of the site area are included below and further photographs of the site are provided in Figure 2.



2.2 Site Topography

The recent OS mapping indicates that the 10mOD mapping contour crosses the site, with a gentle fall in topography to the north west. Locally within 50m there are spot heights of +12.2m at the intersection of Rose Avenue and Ingoldsby Road to the south east and +7.3m at Dickens Road to the west.

3 SITE HISTORY

3.1 Historical Mapping

The historical Ordnance Survey mapping contained within the Envirocheck report included in Appendix 1 has been reviewed.

Table 1 - Historical Mapping Summary

Date	Source Scale	Relevant Information	
		On Site	Off Site
1874	1:2,500	Site forms part of a larger parcel of open land.	Rochester Road present within 100m south of the site. Denton Court and Denton Farm present to the north west.
1896-1897	1:2,500	No change.	No relevant change.
1909	1:2,500	No change.	Monument present 100m south.
1923	1:10,560*	No change.	No relevant change.
1932	1:10,560	Site remains undeveloped.	Rose Avenue now present. Housing now present around Shamrock Road and Thistle Road to the north.
1936	1:2,500	Existing houses now present.	Surrounding area developed for housing. Denton Court no longer present.
1954	1:1,250	No change.	Northcourt County Primary School now present to the north. Corporation Yard present within 100m north.
1955	1:2,500		Area of excavation present 170m north west of site. Lion Garage identified 185m south.
1960-1969	1:1,250	No change.	No relevant change.
1964	1:2,500		
1969-1978	1:1,250	Minor paths and subdivided area within northern boundary no longer shown.	Area of excavation to north west redeveloped for housing. Corporation Yard no longer identified to the north, however outline remains. Further garage present 175m south east. Drain and embankment associated with a playfield, shown 255m west.
1993	1:1,250	No change.	Outline of Corporation Yard to the north no longer shown. Day Nursery now present to the immediate north of the site. North West Kent College of Technology present 150m east of site.

*indicates partial mapping coverage

At the time of the earliest mapping the site formed part of a larger parcel of open land, remaining unchanged until sometime between 1932 and 1936 when the existing houses were constructed, with Rose Avenue being present from sometime earlier between 1923 and 1932.

3.2 Aerial Imagery

Consideration of the aerial imagery contained within Google Earth reveals the earliest historic image of the site dates from 1940 (B&W), which clearly shows the existing houses to be present at this time. The subsequent image dated 1960 (B&W) reveals little or no apparent change, however the next image from 1990 (colour) indicates that the frontage of the site was formerly a grassed area that was hard landscaped between sometime 2003 and 2006 to resemble its present condition.

3.3 UXO Risk & Bomb Damage Maps

The following is a non-specialist appraisal of UXO risk in accordance with CIRIA C681. The site lies within a high risk area according to the Zetica mapping. However, the site had been developed for residential housing prior to the onset of war in 1939, therefore, the likelihood of any bomb strikes or craters going unnoticed and undealt with at the time is considered unlikely and specific detailed specialist assessment or mitigation is not thought to be warranted.

4 GEOLOGY

4.1 Published Geology & Geological Hazards

An examination of the 1:50,000 British Geological Map of the area reveals the site to be underlain by undifferentiated subdivisions of the White Chalk Subgroup of late Cretaceous age. Locally to the west are superficial outcrops of Head of recent geological origin and Alluvium further north associated with the River Thames. The White Chalk Subgroup extends to in excess of 80m below ground level in this region and there is a very low risk of ground dissolution hazards beneath the site.

4.2 Historical Borehole Records

The records of the BGS have been reviewed and a number of historical records from 1989 are present to the south east for the Lion Roundabout. The deepest of these extended to 10m and an extract is presented below. This encountered 1.00m of made ground over a horizon of sandy silt with some fine gravel of chalk and scattered flint extending to 1.80m,

which rested upon the White Chalk Subgroup (formerly Upper Chalk). No groundwater was recorded.

Lion Roundabout Gravesend				T 467 S 8918	BOREHOLE LR 02	
BORING EQUIPMENT		BOREHOLE DIAMETER		LOCATION	SHEET 1 OF 1	
Light Percussion Rig (Shell and Auger)		150mm		t= 566490 N= 173140 DATE COMMENCED 05.09.89	GROUND LEVEL METRES A.O.D. 15.91	
					DATE COMPLETED 06.09.89	
SAMPLES AND IN SITU TESTING	T Y P E	DRILLING AND CASING DEPTH	WATER LEVEL 'M' Value	DESCRIPTION OF STRATA	DEPTH (m)	LEVEL m (OO)
DEPTH (m)						LEGEND
1.00	●			TARMAC	0.20	15.71
				BRICK RUBBLE	0.45	15.26
				Brick clay & chalk, etc.	1.00	14.91
				Loose light brown/buff sandy SILT with occasional clayey silt pockets (<15mm). Some fine gravel size fragments of medium hard chalk and traces of sub rounded-sub angular flint (<10mm).	1.80	14.11
2.00	●					
3.00	●			Weak off white putty CHALK with some medium hard chalk blocks. Some-much orange/buff iron staining and black speckling. Fine-coarse gravel size angular-sub angular flint fragments (<70mm) found at 2.0m. (UPPER CHALK)		
4.00	●				4.50	11.41
5.00	●			Medium hard white rubby-blocky CHALK with some orange/buff iron staining and black speckling. Occasional fine-medium gravel size sub rounded-angular flints. (UPPER CHALK)		
6.00	●				6.50	9.41
7.00	●			Weak-medium hard white putty CHALK with occasional chalk blocks (<100 x <40mm). Some buff iron staining and traces of black speckling. (UPPER CHALK)		
8.00	●				8.50	7.41
9.00	●			Medium hard white rubby/blocky CHALK with some black speckling and orange/buff iron staining. (UPPER CHALK)		
10.00	●	05.09.89			10.00	5.91
REMARKS		Scale 1:50		KEY	Drilling Depth	Casing Depth
Borehole terminated at 10.0m. Soakage tests carried out at 5.0m and 10.0m. Chalk becoming damp with depth.				▀ Water struck	● Disturbed Sample	Standard Penetration Test
				▀ Morning water level	↑ Bulk Disturbed Sample	
				▀ Evening water level	■ 105mm Undisturbed Sample	△ Water Sample
Kent County Council Highways Laboratory Aylesford				M.N.T. Cottell OBE C. Eng. F.I.C.E. County Surveyor Springfield.		FIG.

'Contains British Geological Survey materials © UKRI 2024'.

4.3 Hydrogeology

The White Chalk Subgroup present is a Principal aquifer of high vulnerability or leaching potential. However, the site is not underlain by a drinking water Source Protection Zone [SPZ]. The nearest groundwater abstraction is Point 1, Borehole at Gravesend Sewage Works, 683m to the north, for general washing/process washing.

4.4 Radon

The Envirocheck report indicates that the site is in an intermediate probability radon affected area as between 1% and 3% of properties are above the action level. Nevertheless, no protective measures as described in BRE report BR211 are necessary in the construction of new properties or extensions.

5 ENVIRONMENTAL SETTING

5.1 Hydrology & Flood Risk

The nearest surface water feature is a drain 228m west of the site and the River Thames lies within approximately 1km north of the site. Denton Marches is present approximately 750m north east of the site, with the Thames and Medway Canal also present further north. The site is not at risk of flooding from rivers, groundwater or surface waters.

5.2 Landfill Data

The nearest historic landfill is located 309m north east of the site at Shamrock Road with specified waste being Deposited Waste included inert and household waste. Whilst an area of ground working or excavation was noted 170m to the north west on historical mapping, this feature was developed for housing and was no longer present by the 1970s. Given the distance from the site and age of this feature specific monitoring for ground gases is not considered warranted.

5.3 Recent & Current Land Use

The site itself has been historically residential in nature with no relevant trades in the immediate vicinity which would impact the continued use of the site. An active fuel station is present 300m south east of the site.

5.4 Ecologically Sensitive Receptors

The Thames Estuary and Marches are listed RAMSAR and SSSI located within 714m east and 640m north east of the site.

6 PRELIMINARY RISK ASSESSMENT

6.1 Conceptual Site Model

In accordance with current LCRM guidance, a Conceptual Model has been prepared for this site. The model prepared for the site in tabular format below lists potential sources of contamination, identified receptors on and within the immediate vicinity of the site, together with the pathways between them. A pathway must exist for an identified source to pose a risk to a receptor, thereby forming an active pollutant linkage. The primary receptors are considered to be future residents (human health), surrounding ecology (plants and animals), controlled waters and proposed buildings.

A qualitative assessment of the risk of each potential pollutant linkage is given based upon the CIRIA guidance document 'Contaminated Land Risk Assessment: A Guide to Good Practice' (Rudland, Lancefield and Mayell, 2001). The risk is a combination of the probability or frequency of occurrence of a defined hazard and the magnitude of the consequences of the occurrence.

Table 2 - Preliminary Conceptual Site Model

Source(s)	Potential Pathway(s)	Receptor(s)	Risk Level
Potentially infilled excavation to the north west - <i>ground gases: carbon dioxide and methane</i>	Migration, ingress and accumulation	Proposed buildings	Very Low

The site has had historic residential use and no specific sources of contamination have been identified that require specific investigation or testing. Nevertheless, it would be prudent to carry out a limited intrusive investigation to prove the underlying natural strata and absence of any made ground, to confirm that the shallow soils are suitable for use.

Whilst potentially infilled land has been identified within 250m of the site, this had been developed for residential housing by the 1970s and not considered to be a significant source which requires assessment and specific ground gas monitoring is not warranted on this basis.

7 PHASE 2 INVESTIGATION

7.1 Fieldworks

The boreholes designated A to F, 1, 2 and 3 were constructed on 25th November 2024 at locations as shown on the site plan, which is presented as Figure 3. The exploratory positions were located in order to provide adequate site coverage, taking into account the proposed layout of the scheme and presence of existing structures or restricted access.

The depths and descriptions of the strata encountered in the boreholes are given on the exploratory records, which comprise Appendix 2 to this report. These records note the depths at which samples were taken, the results of in situ tests and any groundwater observations noted at the time of the fieldworks. At borehole locations 1, 2 and 3 continuous dynamic probing was used to extend the boreholes below 5.00m depth, using a composite rig utilising DPSH specification equipment. The results are presented in graphical format, as a penetration resistance-depth relationship, with the number of blows required to drive the probe 100mm.

8 GROUND CONDITIONS

8.1 Stratigraphy

An examination of the borehole records indicates that made ground at boreholes 1, 2 and 3 consists of resin bound surface over greyish brown to black gravelly very silty sand to sandy gravel of asphalt, stone, clinker, some brick, mortar, flint and chalk fragments, which was proved to depths of 0.40m, 0.45m and 0.75m. The made ground at boreholes A to F was proven to between 0.25m and 0.40m, comprising a grass surface over brown slightly gravelly silty sand with occasional roots and rootlets, the gravel consisting of white chalk fragments, flint and charcoal.

Soils varying from pale brown/off-white slightly sandy silt to very silty sand, very sandy clay or clayey sand with variable amounts of gravel of white chalk fragments and flint, was exposed beneath the made ground. These soils are locally derived from the weathered profile of the chalk and were proved to depths of between 1.30m and 2.10m.

Cream/white chalk with occasional orange staining, black specks and flint, was encountered below these depths at each of the borehole locations and extended to the concluding depths of the boreholes at 3.10m and 5.00m. The exception was borehole B, which was terminated at 2.50m due to a flint obstruction. Some rare veins of dark brown clay/marl were noted within the lower levels of the chalk profile at locations 3, A and B.

8.2 In Situ Probing and Soakaway Testing

During the construction of boreholes 1, 2 and 3 a series of in situ Standard Penetration Tests [SPT] were performed. The test results are presented in terms of the number of blows to achieve a seating drive for 150mm of penetration, recorded as two 75mm increments and the test drive over 300mm recorded as four 75mm increments. The test drive is used to derive the penetration resistance for that soil layer and is recorded as the uncorrected SPT N value. Penetration resistances or N values ranging between 7 blows/300mm to 25 blows/300mm were recorded, which is typical of the weathering profile of the chalk. The calibration certificate for the SPT hammer is included with the logs within Appendix 2 and states an Energy Ratio (Er) of 85%.

Dynamic probing was completed from 5.00m depth at the locations of boreholes 1, 2 and 3. Blow counts of between 4 blows/100mm and 8 blows/100mm were recorded. Borehole 3 was terminated at 5.10m due to a probable flint obstruction.

Small-scale falling head tests were performed at locations B and F. The test times are presented together with exploratory records in Appendix 2. A total of 3 cycles were completed at location B and using the test times coefficients of permeability of 2.00 and 2.01×10^{-6} m/sec have been derived, with dissipation generally complete within 20 minutes. A test cycle was completed at location F, however a single cycle had not fully dissipated after 120 minutes and using the test times a coefficient of permeability of 1.10×10^{-7} m/sec has been derived, inferring poor drainage characteristics at this location.

8.3 Groundwater

No groundwater strikes were recorded during construction of the boreholes and upon completion each position was observed to be dry.

9 LABORATORY TESTING

A programme of laboratory testing has been undertaken and the results are presented as Appendix 3 to this report. The geotechnical soil testing was undertaken by Albury S.I. Ltd, whilst representative samples were submitted for geochemical testing at the UKAS accredited laboratories operated by i2 Analytical Ltd. Each type of test is summarised below and the results obtained have been used to assist in the formulation of the discussion.

9.1 Index Properties and Water Content

The liquid and plastic limits of samples of the soils at 1.00m and 1.50m have been determined. The results of this work indicate that the samples tested can generally be

described as being of low plasticity and of a non-shrinkable nature. Water contents of 12.3%, 14.0% and 15.9% were recorded as part of this work.

9.2 Particle Size Distribution

Samples of the granular soils encountered at 1.00m and 1.50m depth have been subjected to sieve analysis in order to determine the soils' particle size distribution. In one instance this work was extended by sedimentation analysis to ascertain the soils silt and clay fraction. The results of this work are presented in the form of grading curves.

9.3 Geochemical Testing

Samples of the made ground from 0.10m depth at locations A to F have been submitted to the UKAS accredited laboratories operated by i2 Analytical Ltd. The testing comprises a suite of typical inorganic and organic priority contaminants including metals, PAH, TPH CWG and an asbestos screen.

9.4 Chemical Testing – Soluble Sulphates & pH

Samples of the soils encountered at this site have been subjected to chemical analyses in order to determine their soluble sulphate contents and pH values. Under the conditions of this work low concentrations of soluble sulphate have been recorded in association with near neutral pH values. The results are summarised in tabular form below.

Table 3 - Summary of Chemical Tests

BH/TP No.	Sample		Concentration of Sulphates expressed as SO ₄		pH
	Depth m	Soil Type	2:1 Water : Soil Extract mg/l	Groundwater mg/l	
A	0.10	MADE GROUND	182		7.4
B	0.10	MADE GROUND	261		7.2
B	0.50	SAND	12		8.3
C	0.10	MADE GROUND	109		7.2
C	0.50	Very sandy CLAY	13.8		8.1
D	0.10	MADE GROUND	177		7.3
E	0.10	MADE GROUND	160		7.4
E	1.50	Gravelly clayey SAND	23		8.3

F	1.00	Clayey SAND	14		8.7
1	0.50	Silty GRAVEL	22		8.5
2	0.50	MADE GROUND	127		8.4
3	0.50	Very silty SAND with gravel	89		7.9

10 GEOTECHNICAL DISCUSSION

10.1 Foundations

The client proposes to construct 4 no blocks of flats following demolition of the existing semi-detached dwellings at the site under consideration. The proposed layout is shown in Figure 1. At the time of the preparation of this report the anticipated structural loads were not known.

It cannot be recommended that major structural foundations be located within the made ground revealed by this investigation. Soils of this origin are frequently present in a weak and variable condition such that unacceptable settlement could occur even under the action of light loading intensities. Therefore, it will be necessary to continue foundation excavations through these undesirable materials where they are of less than 1.00m in thickness to this minimum depth in order to avoid that zone of soil which is subject to normal seasonal moisture variation or frost action. The above precautions need not necessarily be applied to light ancillary structures, which will be formed structurally discrete from the main development and in which a greater degree of settlement can be tolerated.

The near surface soils derived from the chalk have been demonstrated to be non-shrinkable. Strip or spread foundations located at a minimum depth of 1.00m can be designed to apply a maximum increase in load of 125kPa. At this loading intensity a factor of safety of 3 against general shear failure will be operative. Moreover, settlements should remain within tolerable limits for the type of structure proposed. These movements are likely to be sensibly complete during a normal construction period due to the free draining nature of the underlying soils.

Should a greater bearing capacity be required then all foundations could be extended to the white chalk revealed at depths ranging between 1.30m and 2.00m. The white chalk is competent to accept a maximum increase in load of 150kPa, with suitable safety criteria against shear failure and settlement being operative. It would be prudent, however, to

undertake additional investigation once the existing structures have been demolished to confirm the consistency of the white chalk.

10.2 Stability of Excavations

Excavations of less than 1.00m depth should not require temporary support to their sides. Where foundation excavations are to be extended below this level, then adequate temporary support or shoring should be provided in order to comply with current statutory safety regulations and to maintain the stability of the excavation sides.

10.3 Groundwater

No groundwater was observed at the time of the investigation and problems in this regard are not anticipated.

10.4 Drainage

The near surface drainage characteristics of the underlying soils have been considered as part of this investigation. It is believed that the chalk should act as a suitable drainage medium and this could be confirmed by carrying out full scale infiltration tests.

Where feasible no soakaways should be located within 10.00m of proposed or existing buildings, to avoid the potential risk of the formation of solution features within the underlying chalk. Alternatively, deep bore soakaways could be used to discharge at depth, reducing the risk of near surface solution feature formation.

10.5 Ground Floor Slabs

The necessity to demolish the existing structures infers that disturbance in excess of 0.60m will occur and, therefore, a system of fully suspended floor slabs should be incorporated within the proposed structures in line with NHBC guidance.

10.6 Buried Concrete

The information obtained from this investigation has been compared with the criteria proposed in BRE Special Digest 1, 2005 Edition, Concrete in Aggressive Ground. Using the information in Table C1 (natural ground) of this publication the Aggressive Chemical Environment for Concrete Classification (ACEC) is AC-1s, which coincides with a Design Sulphate Class DS-1. The ACEC Class above can be used to determine the Design Chemical Class for concrete for general cast-in-situ use as required in Part D of the Digest.

11 GROUND CONTAMINATION

A Conceptual Site Model (CSM) was formulated as part of the Phase 1 desk study, which was considered during execution of the subsequent Phase 2 intrusive investigation.

11.1 Human Health

A preliminary assessment of the chronic or long-term risk to human health from soil contamination has been made using the available generic screening criteria. The screening values include the Category 4 Screening Levels [C4SLs] (DEFRA, 2014) and Suitable for Use Levels [S4ULs] (LQM/CIEH, 2014) derived using the CLEA software. It should be appreciated that these do not consider the short-term or acute risks, such as to construction workers or SI personnel.

The results obtained have been compared against the GAC for the proposed land-use category Residential (with home grown produce) and 2.5% SOM. A comparison of the results against the GAC reveals marginal exceedances of the heavy metal lead of 260mg/kg and 210mg/kg at boreholes C and D, which lie above the C4SL GAC of 200mg/kg. A marginal exceedance of beryllium of 1.9mg/kg has also been noted at borehole D at 0.10m, which exceeds the S4UL GAC of 1.7mg/kg, however this compound has been discounted as statistically the mean lies below the GAC.

The lead results have also been considered statistically using the one-sample t-test, as there are no outliers and a normal population distribution. The calculated 95th percentile of 176.6mg/kg lies below the GAC of 200mg/kg, therefore, specific remedial measures are not considered necessary.

Table 4 - Summary of Exceedances

Contaminant	No of exceedances	Maximum	Standard Deviation	95 th Percentile	GAC
Lead	2	260 (Location C)	55.74	176.6	200
Beryllium	1	1.9 (Location D)	0.346	1.275	1.7

11.2 Vegetation

The metals boron, copper, nickel and zinc are phytotoxic at certain levels, with their availability being dependent upon soil pH. These levels may not pose a significant long-term health risk to humans, but could be detrimental to plant growth or function. The results obtained suggest that the levels of zinc at locations B, D, E and F of 300, 410 and 790mg/kg

lie above the potentially toxic level to plants or vegetation. Hence some localised amendments of topsoil would be prudent in these areas depending upon the final landscaping scheme.

11.3 Preliminary Waste Assessment

It is likely that, if excavated soils cannot be re-used or retained on site, these surplus materials will require off-site disposal. It may be possible to divert the unwanted material to a soil treatment hub where it can be recycled. Where material cannot be re-used or recycled then disposal at a licensed landfill site can be considered. It will then be necessary to classify the spoil as inert, non-hazardous or hazardous. A discussion of the current regime for the classification and treatment of waste soils is included in Appendix 4.

An initial assessment of the geochemical results obtained from this investigation has been carried out to provide a preliminary classification of the surplus materials. The HazWaste Online tool determines whether waste soil should be classified as being non-hazardous or hazardous. The output from the HazWaste assessment is located in Appendix 4. Asbestos was not detected in any of the samples screened. Based on the output waste soil arisings from this site have been tentatively identified as being non-hazardous waste. The underlying natural soils are considered to be inert for disposal purposes.

This assessment is preliminary and based upon the information obtained from the investigation. Where made ground is excavated then these materials should be stockpiled and segregated. Further sampling, testing and characterisation to accurately classify waste soil arisings may be required. It should be appreciated that it is the responsibility of the waste producer to sufficiently characterise their waste. Moreover, the agreement of the waste acceptor should be sought.

11.4 Potable Water Supply Pipes

No specialist precautions are thought to be necessary on the basis of the findings of this report. However, the requirements of the water supply company should be established with regard to an incoming potable water supply pipes. The results of the geochemical testing should be of assistance in this regard.

REFERENCES

- British Standards (2016). Methods of test for soils for civil engineering purposes, BS 1377-1:2016. *British Standard Institution, London*.
- British Standards (2011). Investigation of potentially contaminated sites. Code of Practice. BS 10175+A2:2017. *British Standard Institution, London*.
- British Standards (2013). Guidance on investigations for ground gas. Permanent gases and Volatile Organic Compounds (VOCs). BS 8576. *British Standard Institution, London*.
- British Standards (2015). Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings. BS 8485+A1:2019. *British Standard Institution, London*.
- British Standards (2015). Code of practice for ground investigations, BS 5930:2015. *British Standard Institution, London*.
- Building Research Establishment [BRE] (2004). *Cover systems for land regeneration: Thickness of cover systems for contaminated land (BR 465)*. BRE Watford, UK.
- Building Research Establishment [BRE] (2005). *Concrete in aggressive ground: Special Digest 1 (3rd Ed.)*. BRE Watford, UK.
- Building Research Establishment [BRE] (2015). *Guidance on protective measures for new buildings. (BR 212)*. BRE Watford, UK.
- Contaminated land: Applications in Real Environments. (2013). *SP1010: Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination – Final Project Report*.
- Chartered Institute of Environmental Health and Contaminated Land: Applications in Real Environments (2008). *The Guidance on Comparing Soil Contamination Data with Critical Concentration*. London, UK.
- Environment Agency (2004). *Model Procedures for the Management of Contaminated Land*. Contaminated Land Report (CLR) 11, SC02000028, Environment Agency, Bristol, UK.
- Environment Agency (2015). Interpretation of the definition and classification of hazardous waste. 1st edition. Technical Guidance WM3. *Environment Agency, UK*.
- Nathanail, C.P., McCaffrey, C., Gillett, A.G., Ogden, R.C. and Nathanail, J.F. (2015). *The LQM/CIEH S4ULs for Human Health Risk Assessment*. Land Quality Press, Nottingham. Publication Number S4UL3073.
- Stroud, M. A. (1974). The standard penetration test in insensitive clays and soft rocks. *Proceedings of the European Symposium on Penetration Testing, Stockholm*, 2, 367-375.

LIST OF ABBREVIATIONS

AOD	-	Above Ordnance Datum
ACM	-	Asbestos-containing Material
AST	-	Above-ground Storage Tank
BGS	-	British Geological Survey
BH	-	Borehole
BRE	-	Building Research Establishment
BSI	-	British Standards Institution
BS	-	British Standard
C4SL	-	Category Four Screening Level
CIRIA	-	Construction Industry Research and Information Association
CP	-	Cable Percussive
DPH	-	Dynamic Probing Heavy
DPSH	-	Dynamic Probing Super Heavy
EA	-	Environment Agency
GAC	-	Generic Assessment Criteria
LL	-	Liquid Limit
mAOD	-	Metres Above Ordnance Datum
mBGL	-	Metres Below Ground Level
mOD	-	Metres Ordnance Datum
OS	-	Ordnance Survey
PAH	-	Polycyclic Aromatic Hydrocarbons
PCB	-	Polychlorinated Biphenyl
PID	-	Photo Ionisation Detector
PL	-	Plastic Limit
PSD	-	Particle Size Distribution
SGV	-	Soil Guideline Value
SOM	-	Soil Organic Matter
SPT	-	Standard Penetration Test
SPZ	-	Source Protection Zone
SVOC	-	Semi-volatile Organic Compounds
TPH	-	Total Petroleum Hydrocarbon
UST	-	Underground Storage Tank
UXB	-	Unexploded Bombs
UXO	-	Unexploded Ordnance
VOC	-	Volatile Organic Compound

FIGURE 1

PROPOSED LAYOUT



Rose Avenue

Proposed Site Plan

The contractor is responsible to ensure that no products are to be utilised that do not comply with relevant British and/or European Standards and/or Codes of Practice, COSHH Regulations, Construction Regulations, or which are known or suspected at the time of product selection and/or construction to be deleterious to health and safety or to the durability of the work or not in accordance with good building practices.

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SITE AREA	4015 m ² = 0.40Ha
EXISTING DENSITY	43 U/Ha
PROPOSED DENSITY	75 U/Ha
Proposed new residential units (2 & 3 storey)	29
Existing residential units (2 storey)	1
Additional new residential units	19
Total Number of Bedspaces provided	114

*Unit typology :

7 no x 1Bed/2P Flat	24%
14 no x 2Bed Flat	48%
8 no x 3Bed/5P Flat	28%

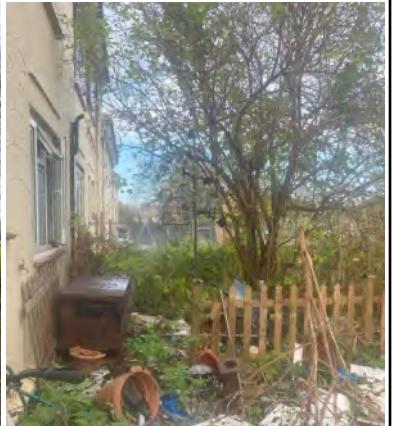
CLIENT NAME	Gravesham Borough Council	PROJECT NAME	Rose Avenue
PROJECT ADDRESS	31 Rose Avenue Gravesend DA12 2LN	DRAWING TITLE	Proposed Site Plan
SUITABILITY CODE	D6	SCALE	1:500
DRAWN	KS	APPROVED	MM
REV		MM	
PROJ NO	34495	AUTHOR	BGR
VOLUME	A1	LEVEL	00
DOC/TYP	DR	ROLE	A
DRW NO	1100	REV STAT	P
REV NO	00		

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e. general@bailygarner.co.uk

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FIGURE 2

SITE PHOTOGRAPHS



Title:	Site Photos
Dwg No:	24/13027/2
Drawn by:	GO
Client:	Gravesham Borough Council
Contract:	Rose Avenue, Gravesend
Job Ref:	24/13027/GO
Scale:	NTS
Revision:	0
Issue Date:	12/12/2024



ALBURY S.I. LTD

Miltons Yard, Petworth Road,
Witley, Surrey GU8 5LH
www.alburysi.co.uk

FIGURE 3

SITE PLAN



APPENDIX 1

ENVIROCHECK DATA

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
363793261_1_1

Customer Reference:
24/13027/GO

National Grid Reference:
566410, 173340

Slice:
A

Site Area (Ha):
0.4

Search Buffer (m):
1000

Site Details:

Rose Avenue
GRAVESEND
DA12 2LN

Client Details:

Mr G Owens
Albury Si Ltd
Miltons Yard
Petworth Road
Witley
Godalming
Surrey
GU8 5LH

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	28
Hazardous Substances	32
Geological	33
Industrial Land Use	37
Sensitive Land Use	64
Data Currency	65
Data Suppliers	71
Useful Contacts	72

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	4	15
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 6				1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6			1	12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8		Yes		
Pollution Incidents to Controlled Waters	pg 8		1	2	9
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 10			2	
Water Abstractions	pg 11				8 (*22)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 18	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 18				3
Extreme Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 19		Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 19		1	20	51
Water Framework Directive - Catchment	pg 27	Yes			
Water Framework Directive - Groundwater	pg 27	Yes			
Water Framework Directive - Surface Waters	pg 27				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 28			1	7
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 29				3
Local Authority Landfill Coverage	pg 30	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 30			1	3
Potentially Infilled Land (Water)	pg 30			2	3
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 31				1
Registered Waste Treatment or Disposal Sites	pg 31				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 32				1
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 32				1
Planning Hazardous Substance Consents	pg 32				2
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 33	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 33	Yes			Yes
BGS Recorded Mineral Sites	pg 34				5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			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	pg 35				1
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 35	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 35	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 35		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 35	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 35		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 35		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 36		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 36	Yes	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 37		21	21	120
Fuel Station Entries	pg 51			1	1
Points of Interest - Commercial Services	pg 51		9	8	44
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 56		2	8	47
Points of Interest - Public Infrastructure	pg 61			4	16
Points of Interest - Recreational and Environmental	pg 62		1		5
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 64				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 64			2	
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 64		2		
Ramsar Sites	pg 64				1
Sites of Special Scientific Interest	pg 64				1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	0	1	566400 173350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (SE)	0	1	566415 173345
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	70	1	566300 173350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	289	1	566750 173400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	294	1	566250 173650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	429	1	566100 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	483	1	566950 173350
1	Discharge Consents Operator: Euro Garages Limited Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Land At City Self Serve Chalk, Rochester Road, Chalk, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P04619 Permit Version: 2 Effective Date: 20th December 2012 Issued Date: 20th December 2012 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	247	2	566560 173090
1	Discharge Consents Operator: Shell Uk Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Land At City Self Serve Chalk, Rochester Road, Chalk, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P04619 Permit Version: 1 Effective Date: 15th February 1993 Issued Date: 15th February 1993 Revocation Date: 19th December 2012 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	247	2	566560 173090
1	Discharge Consents Operator: Euro Garages Limited Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Land At City Self Serve Chalk, Rochester Road, Chalk, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P04619 Permit Version: 2 Effective Date: 20th December 2012 Issued Date: 20th December 2012 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	256	2	566560 173080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Shell UK Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Land At City Self Serve Chalk, Rochester Road, Chalk, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P04619 Permit Version: 1 Effective Date: 15th February 1993 Issued Date: 15th February 1993 Revocation Date: 19th December 2012 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	256	2	566560 173080
2	Discharge Consents Operator: Shell UK Ltd Property Type: Not Given Location: Land At City Self Serve Chalk, Rochester Road, Chalk, GRAVESEND, Kent, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P.4619/K/T/92 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 15th February 1993 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	296	2	566610 173065
3	Discharge Consents Operator: Central Electricity Gen. Board Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Cable Tunnel At Denton, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: K02109 Permit Version: 1 Effective Date: 14th November 1967 Issued Date: 14th November 1967 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	478	2	566420 173860
4	Discharge Consents Operator: Retirement Care Group Property Type: Undefined Or Other Location: Mullender Court, Chalk Road, Chalk, Gravesend Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P00945 Permit Version: 1 Effective Date: 31st March 1987 Issued Date: 31st March 1987 Revocation Date: 30th January 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A14SE (SE)	747	2	567150 173040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Retirement Care Group Property Type: Undefined Or Other Location: Mullender Court, Chalk Road, Chalk, Gravesend Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P00945 Permit Version: 1 Effective Date: 31st March 1987 Issued Date: 31st March 1987 Revocation Date: 30th January 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A14SE (E)	762	2	567170 173050
4	Discharge Consents Operator: Retirement Care Group Property Type: Undefined Or Other Location: Mullender Court, Chalk Road, Chalk, Gravesend Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P00945 Permit Version: 1 Effective Date: 31st March 1987 Issued Date: 31st March 1987 Revocation Date: 30th January 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A14SE (E)	768	2	567180 173060
4	Discharge Consents Operator: Retirement Care Group Property Type: Undefined Or Other Location: Mullender Court, Chalk Road, Chalk, Gravesend Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P00945 Permit Version: 1 Effective Date: 31st March 1987 Issued Date: 31st March 1987 Revocation Date: 30th January 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A14SE (E)	781	2	567190 173050
5	Discharge Consents Operator: Radacre Ltd. Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Canal Road Ind. Park, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03509 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	807	2	565830 173980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Radacre Ltd. Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Canal Road Ind. Park, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03509 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	815	2	565830 173990
5	Discharge Consents Operator: Radacre Ltd. Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Canal Road Ind. Park, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03509 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	822	2	565830 174000
5	Discharge Consents Operator: Radacre Ltd. Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Canal Road Ind. Park, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03509 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	830	2	565830 174010
5	Discharge Consents Operator: Radacre Ltd. Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Canal Road Ind. Park, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03509 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	844	2	565820 174020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Clubbs Washed Gravel Company Property Type: Undefined Or Other Location: J Clubb, Denton, Land At Mark Lane, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Old-known river Reference: P05493 Permit Version: 1 Effective Date: 14th February 1995 Issued Date: 14th February 1995 Revocation Date: 24th May 1996 Discharge Type: Trade Discharge - Mineral Workings Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	939	2	566850 174200
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Empress Rd Denton Catch Chamb' Cs0 Havengore Avenue Empress Road Denton Kent Da12 2ql Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.0006 Permit Version: 3 Effective Date: 1st February 2019 Issued Date: 1st February 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: The Thames Estuary (Tidal) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	947	2	566420 174330
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Empress Rd Denton Catch Chamb' Cs0 Havengore Avenue Empress Road Denton Kent Da12 2ql Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.0006 Permit Version: 1 Effective Date: 6th September 1999 Issued Date: 19th April 1999 Revocation Date: 6th January 2000 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Tidal River Thames Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	947	2	566420 174330
7	<p>Discharge Consents</p> <p>Operator: Southern Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Empress Rd Denton Catch Chamb' Cs0 Havengore Avenue Empress Road Denton Kent Da12 2ql Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.0006 Permit Version: 2 Effective Date: 7th January 2000 Issued Date: 19th April 1999 Revocation Date: 31st January 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: Tidal River Thames Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	947	2	566420 174330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Services Support (Gravesend) Limited Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Gravesend Training Complex, Mark Lane, Gravesend, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09285 Permit Version: 1 Effective Date: 20th March 2001 Issued Date: 20th March 2001 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	956	2	567010 174130
9	Discharge Consents Operator: Cegb Property Type: MAKING OF OTHER TRANSPORT EQUIP/SHIPS/TRAINS/BIKES Location: Scientific Services Department,Suffolk Road, Gravesend, Kent Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctmr.0160 Permit Version: 1 Effective Date: 1st November 1978 Issued Date: 31st July 1974 Revocation Date: 27th September 1993 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: Thames Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A17SW (NW)	990	2	565600 174000
10	Integrated Pollution Prevention And Control Name: Southern Water Services Limited Location: Gravesend Wastewater Treatment Works, Dering Way,,, Gravesend, West Sussex, DA12 2QF Authority: Environment Agency - South East Region, Kent & South London Area Permit Reference: QP3337QC Original Permit Ref: Qp3337qc Effective Date: 22nd May 2019 Status: Effective Application Type: New App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 25A (a) Activity Description: New Medium Combustion Plant Before 20Th December 2018 - 25A(A) & 12(1A)(A) Primary Activity: Y	A18SE (N)	580	2	566625 173907
11	Local Authority Pollution Prevention and Controls Name: Shell Chalk Service Station Location: Rochester Road, Chalk, GRAVESEND, Kent, DA12 4TN Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP1/98/040 Dated: 30th 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)	279	3	566584 173067
12	Local Authority Pollution Prevention and Controls Name: R S Dawe Location: Norfolk Road Industrial Estate, Norfolk Road, GRAVESEND, Kent, DA12 2PS Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: Pp6/92/010 Dated: 4th July 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Located by supplier to within 10m	A18NW (N)	716	3	566204 174079

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: Brick Yard, 22a Norfolk Road, Gravesend, Kent, DA12 2RX Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/07/064 Dated: 1st July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	776	3	565876 173978
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, Gravesend Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/07/064 Dated: 14th June 2007 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	776	3	565876 173978
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, Da12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/12/074 Dated: 16th February 2012 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, Da12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/11/073 Dated: 22nd November 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, Da12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/11/071 Dated: 22nd November 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, Da12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/11/072 Dated: 22nd November 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, Da12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/11/070 Dated: 20th April 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Lee Demolition Location: The Brick Yard, 22a Norfolk Road, Gravesend, Kent, DA12 2rx Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/11/069 Dated: 20th April 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	782	3	565880 173990
14	Local Authority Pollution Prevention and Controls Name: Valley Dry Cleaners Location: 8 The Parade, Valley Drive, Gravesend, DA12 5rt Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP6/06/62 Dated: 31st October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	833	3	565909 172638
15	Local Authority Pollution Prevention and Controls Name: Remix Dry Mortar Ltd Location: Denton Wharf, Mark Lane, Denton, Gravesend, DA12 2qb Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/09/065 Dated: 1st June 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG3/15 Mineral drying and roadstone coating processes Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	868	3	566422 174251
16	Local Authority Pollution Prevention and Controls Name: J Clubb Location: Marine Works, Mark Lane, Denton, Gravesend, Kent, DA12 2QB Authority: Gravesham Borough Council, Environmental Health Department Permit Reference: PP3/92/006 Dated: 21st April 1993 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Located by supplier to within 10m	A18NE (N)	946	3	566586 174306
	Nearest Surface Water Feature	A13NW (W)	228	-	566152 173433
17	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications Location: 50 Roehampton Close, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 7th July 1999 Incident Reference: 3237 Catchment Area: Medway Estuary Receiving Water: Estuary Cause of Incident: Unauthorised Activity : Unconsented Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	208	2	566250 173550
18	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Gravesham Stw Authority: Environment Agency, Southern Region Pollutant: Sewage - Treated Effluent Note: Stream Through Denton Stw Very Poor Incident Date: 4th June 1992 Incident Reference: 92T255 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company STW Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	477	2	566690 172900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Mixed Agricultural Location: Land Adjacent To , Gravesend Sewage Treatment Works, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Possible Contaminated Land Incident Date: 16th December 1997 Incident Reference: 197043 Catchment Area: Not Given 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)	498	2	566550 173850
20	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Grammar School For Boys, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Spillage Of Diesel Down Drain; Schools/Universities Incident Date: 29th November 1994 Incident Reference: 94T387 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	579	2	565800 173450
21	Pollution Incidents to Controlled Waters Property Type: Aggregate (Sand/Gravel) Location: Gravesend Water Treatment Works Authority: Environment Agency, Southern Region Pollutant: Sewage Sludge Note: Sludge Lost From Digister To Drainage Ditch Incident Date: 3rd August 1998 Incident Reference: 197260 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	604	2	566700 173900
22	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Mark Lane, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Fire water / Foam Note: Four Pump Fire; Industrial: Other Incident Date: 6th December 1994 Incident Reference: 94T429 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	617	2	566400 174000
23	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications Location: Behind Bonners Haulage Company, Mark Lane, Denton Wharf, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Contaminated Water Mixed With Contaminants Note: Not Supplied Incident Date: 27th May 1999 Incident Reference: 1141 Catchment Area: Darent Receiving Water: Potential River Cause of Incident: Other Cause Incident Severity: Category 2 - Significant Incident Positional Accuracy: Approximate location provided by supplier	A18NW (N)	811	2	566400 174195
23	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: Thames Medway Canal At Medway Wharf, DENTON Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Oil Pollution Incident Date: 29th May 1993 Incident Reference: 93T059 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	816	2	566400 174200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Pollution Incidents to Controlled Waters Property Type: Manufacturing Location: R S Dawe Ltd, Norfolk Road, GRAVESEND Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Industrial Fuel Oils Note: Not Supplied Incident Date: 28th May 1999 Incident Reference: 4441 Catchment Area: Medway Estuary Receiving Water: Estuary Cause of Incident: Containment Failure : Insufficient System Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A18NW (N)	834	2	566200 174200
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Gravesend Stw, Kent Authority: Environment Agency, Thames Region Pollutant: General Note: Confirmed incident Incident Date: 8th January 1999 Incident Reference: THSE1999041799 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	919	2	566800 174200
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: GRAVESEND Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th October 1995 Incident Reference: SE950501 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	925	2	566500 174300
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Denton Wharf Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th November 1991 Incident Reference: SE910312 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	938	2	566440 174320
28	Substantiated Pollution Incident Register Authority: Environment Agency - South East Region, Kent & South London Area Incident Date: 7th May 2004 Incident Reference: 234990 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Other Contaminated Water Pollutant: Crude Sewage	A18SE (N)	460	2	566513 173823
29	Substantiated Pollution Incident Register Authority: Environment Agency - South East Region, Kent & South London Area Incident Date: 23rd February 2004 Incident Reference: 218671 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Other Specific Waste Material	A18SW (N)	496	2	566343 173879

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 9/40/01/0508/G Permit Version: 100 Location: Point 1, Borehole At Gravesend Sewage Works In Kent. Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SE (N)	683	2	566670 174000
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 100 Location: Point A, S Drift, Underground Gravel Strata (Thames Ballast) Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Blue On Licence Map. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	920	2	566960 174120
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 102 Location: Point A, S Drift, Underground Gravel Strata (Thames Ballast) Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	930	2	566925 174152
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 101 Location: Point A, S Drift, Underground Gravel Strata (Thames Ballast) Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Formal Variation Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	930	2	566925 174152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 101 Location: Point A, S Drift, Underground Gravel Strata (Thames Ballast) Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Formal Variation Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	930	2	566925 174152
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 100 Location: Point A, S Drift, Underground Gravel Strata (Thames Ballast) Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Shown Coloured Blue On Licence Map. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	930	2	566925 174152
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 102 Location: Borehole B, Underground Strata River Terrace Gravels Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	932	2	566929 174152
31	Water Abstractions Operator: J Clubb Ltd Licence Number: 9/40/01/0498/G Permit Version: 101 Location: Borehole B, Underground Strata River Terrace Gravels Authority: Environment Agency, Southern Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Formal Variation Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	932	2	566929 174152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Gravesham Borough Council Licence Number: So/040/0001/001/R01 Permit Version: 1 Location: Denton New Cut-Canal Restoration Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: General Use (Very Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Thames & Medway Canal Restoration Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1241	2	567468 174076
	Water Abstractions Operator: Gravesham Borough Council Licence Number: So/040/0001/001 Permit Version: 1 Location: Denton New Cut-Canal Restoration Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: General Use (Very Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Thames & Medway Canal Restoration Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 18th December 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1241	2	567468 174076
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 9/40/01/0511/G Permit Version: 100 Location: Boreholes, Adits And Catchpits At Windmill Hill Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: N/A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1319	2	565060 173270
	Water Abstractions Operator: Shaws Laundries Limited Licence Number: 1/141 Permit Version: Not Supplied Location: Whitehill Road, GRAVESEND Authority: Environment Agency, Southern Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 210 Yearly Rate (m3): 33500 Details: Additional Purpose: Industrial Other Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SE (SW)	1333	2	565400 172420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 1/0511/A/G Permit Version: Not Supplied Location: Windmill Hill Pumping Station Authority: Environment Agency, Southern Region Abstraction: Sand And Gravel Washing Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 7000 Yearly Rate (m3): 2562000 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1378	2	565006 173196
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 01/026 Permit Version: Not Supplied Location: Windmill Hill Ps, GRAVESEND Authority: Environment Agency, Southern Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 7000 Yearly Rate (m3): 2562000 Details: H5 Chalk; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1382	2	565001 173201
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R01 Permit Version: 1 Location: Point A, Denton New Cut At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1815	2	568194 173902
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 3 Location: Point A, Denton New Cut At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 19th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1815	2	568194 173902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 3 Location: Point A, Denton New Cut At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 19th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1815	2	568194 173902
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R01 Permit Version: 2 Location: Area 1, Ditches At Shorne Marshes Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R01 Permit Version: 2 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R01 Permit Version: 1 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R01 Permit Version: 1 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 3 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 19th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 3 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 19th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1864	2	568022 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R02 Permit Version: 1 Location: Shorne Marshes Abstraction Area Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 13th June 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1874	2	568009 174408

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150/R02 Permit Version: 1 Location: Shorne Marshes Abstraction Area Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 13th June 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1874	2	568009 174408
	Water Abstractions Operator: Innogy Plc Licence Number: 8/37/56/T/0091 Permit Version: 1 Location: Intakes On River Thames Authority: Environment Agency, Anglian Region Abstraction: Production Of Energy: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1890	2	566020 175240
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 2 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 1st May 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1904	2	568070 174370
	Water Abstractions Operator: The Royal Society For The Protection Of Birds Licence Number: 01/150 Permit Version: 2 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st May 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1904	2	568070 174370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr Cj Glover Licence Number: 01/150 Permit Version: 1 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 18th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1904	2	568070 174370
	Water Abstractions Operator: Mr Cj Glover Licence Number: 01/150 Permit Version: 1 Location: Area 1, Ditches At Shorne Marshes Rspb Reserve Authority: Environment Agency, Southern Region Abstraction: Environmental: Remedial River/Wetland Support: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: As Boldly Outlined On Licence Map Authorised Start: 01 April Authorised End: 31 May Permit Start Date: 18th October 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1904	2	568070 174370
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: 3-10m Superficial Thickness: Low Superficial Recharge:	A13NW (SE)	0	4	566415 173345
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13NW (SE)	0	4	566415 173345
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (SE)	0	4	566415 173345
	Superficial Aquifer Designations No Data Available				
32	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A7NE (SW)	669	2	565855 172910
33	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A7NE (SW)	669	2	565858 172906
34	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A12SW (W)	789	2	565604 173176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	61	2	566311 173377
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	68	2	566301 173367
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NW (W)	61	2	566311 173377
	Flood Water Storage Areas None				
	Flood Defences None				
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A13NW (W)	228	5	566152 173433
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A13NE (NE)	327	5	566716 173554
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A13NE (NE)	344	5	566558 173679
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	367	5	566479 173736
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A13NE (NE)	369	5	566735 173596
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	370	5	566825 173433
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (NE)	372	5	566572 173703

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	389	5	566847 173426
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	395	5	566497 173759
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (NE)	405	5	566617 173720
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (NE)	420	5	566631 173729
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (NE)	420	5	566844 173527
47	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 36.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	422	5	566880 173426
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SW (N)	433	5	566417 173815
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	436	5	566761 173665
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	436	5	566761 173665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	458	5	566917 173426
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	462	5	566492 173830
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	464	5	566499 173831
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	472	5	566517 173834
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	491	5	566951 173427
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (E)	503	5	566943 173507
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	513	5	566551 173866
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	513	5	566903 173612
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	516	5	566858 173680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	516	5	566858 173680
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	517	5	566566 173864
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (NE)	533	5	566697 173827
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NW (E)	533	5	566994 173417
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	541	5	566894 173676
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	544	5	566520 173908
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	550	5	566524 173913
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	550	5	566552 173905
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	634	5	567014 173663

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 237.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	634	5	567014 173663
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18SE (N)	636	5	566581 173986
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NW (NE)	640	5	567019 173665
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SW (NE)	645	5	566878 173841
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14SE (E)	685	5	567138 173207
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18NE (N)	701	5	566609 174045
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18NE (N)	701	5	566609 174045
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14SE (E)	701	5	567168 173333
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 450.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A14NE (E)	709	5	567175 173345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A17NE (NW)	731	5	566016 174021
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A18NW (N)	742	5	566321 174125
80	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 917.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Medway Canal Catchment Name: Medway Primacy: 1	A18NE (N)	743	5	566532 174114
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A18NW (N)	756	5	566261 174132
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 615.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A18NE (N)	758	5	566712 174064
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 503.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A18NE (N)	763	5	566532 174133
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 526.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NE (E)	768	5	567225 173460
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A17NE (NW)	782	5	566059 174099
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A17NE (NW)	785	5	565952 174046

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 333.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SW (NE)	816	5	567070 173892
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SW (NE)	816	5	567070 173892
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19NW (NE)	863	5	566916 174080
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19NW (NE)	865	5	566915 174082
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A17NE (NW)	868	5	565947 174139
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19NW (NE)	873	5	566773 174162
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19NW (NE)	888	5	566985 174064
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19NW (NE)	891	5	566994 174062
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19NW (NE)	893	5	566993 174065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A17NE (NW)	898	5	565944 174172
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A17NE (NW)	900	5	565940 174172
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19SE (NE)	900	5	567274 173741
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SE (NE)	900	5	567274 173741
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 381.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19NW (NE)	950	5	567008 174123
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 315.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14NE (E)	953	5	567411 173473
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 439.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A14SE (E)	965	5	567425 173234
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SE (NE)	969	5	567282 173866
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 1	A19SE (NE)	977	5	567292 173865

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SE (E)	992	5	567379 173733
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Medway Primacy: 2	A19SE (E)	992	5	567379 173733
	Water Framework Directive - Catchment Class Code: Coastal Catchment WaterBody Name: Not Supplied WaterBody ID: 130 Operational Catchment: Lower Medway Management Catchment: Medway Catchment Name: Not Supplied	A13NW (SE)	0	2	566415 173345
	Water Framework Directive - Groundwater Waterbody Name: North Kent Medway Chalk Waterbody ID: GB40601G500300 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40601G500300 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	A13NW (SE)	0	2	566415 173345
107	Water Framework Directive - Surface Waters Class Code: Transitional Waterbody Name: Thames Middle Waterbody ID: GB530603911402 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB530603911402 Overall Rating: Moderate Chemical Rating: Fail Classification Year: 2019	A18NW (N)	932	2	566303 174313

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	Historical Landfill Sites Licence Holder: Gravesham Borough Council Location: Denton, Kent Name: Shamrock Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19301 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7028 BGS Ref: Not Supplied Other Ref: GR1	A13NE (NE)	309	2	566653 173590
109	Historical Landfill Sites Licence Holder: J Clubb Limited Location: Denton, Kent Name: Denton-Comma Oil Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19298 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7030 BGS Ref: Not Supplied Other Ref: GR11	A18SW (N)	506	2	566403 173890
110	Historical Landfill Sites Licence Holder: Gravesham Borough Council Location: Gravesend, Kent Name: The Nest Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19325 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7037 BGS Ref: Not Supplied Other Ref: GR3	A8NE (S)	555	2	566432 172748
111	Historical Landfill Sites Licence Holder: Gravesham Borough Council Location: Gravesend, Kent Name: Holyoake Mount Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19321 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7036 BGS Ref: Not Supplied Other Ref: GR2	A12SE (SW)	579	2	565868 173051
112	Historical Landfill Sites Licence Holder: Not Supplied Location: Gravesend Name: Gregorys Crescent Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34042 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7034 BGS Ref: Not Supplied Other Ref: GR16	A8SW (S)	694	2	566299 172621

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Historical Landfill Sites Licence Holder: Not Supplied Location: Gravesend, Kent Name: Gas Works - Canal Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL19294 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7031 BGS Ref: Not Supplied Other Ref: GR12	A18NW (N)	703	2	566265 174079
114	Historical Landfill Sites Licence Holder: Not Supplied Location: Gravesend, Kent Name: Gas Works - Canal Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL19292 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7031 BGS Ref: Not Supplied Other Ref: GR12	A18NW (N)	733	2	566381 174117
115	Historical Landfill Sites Licence Holder: Not Supplied Location: Denton, Kent Name: Norfolk Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL19290 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2200/7038 BGS Ref: Not Supplied Other Ref: GR4	A18NW (N)	797	2	566383 174181
116	Licensed Waste Management Facilities (Locations) Licence Number: 19390 Location: Denton Industrial Estate, Wharf Road, Gravesend, Kent, DA12 2RU Operator Name: G M R (KENT) LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Kent & South London Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Revoked Issued: 18th December 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	816	2	566350 174200
116	Licensed Waste Management Facilities (Locations) Licence Number: 19391 Location: Off Mark Lane, Denton, Gravesend, Kent, DA12 2RU Operator Name: GURBINDER SALL Operator Location: Not Supplied Authority: Environment Agency - South East Region, Kent & South London Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 25th April 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	819	2	566300 174200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	Licensed Waste Management Facilities (Locations) Licence Number: 409015 Location: BULK HAULAGE LTD., ALBION PARADE, Gravesend, GRAVESEND, DA12 2RN Operator Name: Bulk Haulage Group Limited Operator Location: Not Supplied Authority: Environment Agency - South East Region, Kent & South London Area Site Category: Vehicle depollution facility Licence Status: Issued Issued: 19th June 2023 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	955	2	565952 174240
	Local Authority Landfill Coverage Name: Gravesham Borough Council - Has no landfill data to supply		0	6	566415 173345
	Local Authority Landfill Coverage Name: Kent County Council - Had landfill data but passed it to the relevant environment agency		0	7	566415 173345
118	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A18SW (NW)	431	-	566220 173787
119	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NE (SE)	640	-	566728 172734
120	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1946	A8SW (S)	658	-	566364 172649
121	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NE (SW)	723	-	566077 172670
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NW (E)	306	-	566767 173403
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1869	A18SW (N)	458	-	566260 173828
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A18NW (N)	749	-	566388 174133
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A19NW (NE)	864	-	566910 174084
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A19NW (NE)	981	-	567041 174138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	<p>Registered Waste Transfer Sites</p> <p> Site Location: Wharf Road, off Mark Lane, Denton, GRAVESEND, Kent, DA12 2RU Operator Location: 19 St Marys Close, GRAVESEND, Kent, DA12 5PA Authority: Environment Agency - Southern Region, Kent Area </p> <p> Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Licence Status: Operational as far as is knownOperational Dated: 25th April 1997 Preceded By Licence: Superceded By Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste Prohibited Waste <ul style="list-style-type: none"> Kent Cat. A - Non (V.Slow)-Degrading Waste Kent Cat. B1 - Slowly Degradable Waste Kent Cat. B2 - Scrap Metal Liable To Cause Environmental Hazards Waste N.O.S. </p>	A18NW (N)	806	2	566250 174180
128	<p>Registered Waste Treatment or Disposal Sites</p> <p> Site Location: Wharf Road, Denton Industrial Estate, GRAVESEND, Kent, DA12 2RU Operator Location: As Site Address Authority: Environment Agency - Southern Region, Kent Area </p> <p> Site Category: Scrapyard Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Licence Status: Operational as far as is knownOperational Dated: 18th December 1996 Preceded By Licence: Superceded By Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Prohibited Waste <ul style="list-style-type: none"> Kent Cat. B2 - Scrap Metal Lead/Acid Batteries Max.Waste Permitted By Licence Waste N.O.S. </p>	A18NW (N)	811	2	566350 174195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Explosive Sites Name: Denton Wharf Ltd Location: Denton Wharf, Mark Lane, GRAVESEND, Kent, DA12 Status: Not Active Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	908	8	566509 174282
130	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Transco Location: Gravesend H S, Suffolk Road, GRAVESEND, Kent, DA12 2FW Status: Not Active Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	841	8	565885 174068
131	Planning Hazardous Substance Consents Name: Transco Plc Location: Gravesend Gas Holder Station, Suffolk Road, Gravesend, Kent Authority: Gravesham Borough Council Application Ref: 20020581 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 39 Application date: 8th July 2002 Decision: Continuation of consent Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	828	6	565915 174073
132	Planning Hazardous Substance Consents Name: British Gas Plc Location: Gravesend Gas Holder Station, Suffolk Road, GRAVESEND, Kent, DA12 2SW Authority: Gravesham Borough Council Application Ref: Gr/92/0645 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 77.58 Application date: 30th October 1992 Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	887	6	565850 174099

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13NW (SE)	0	1	566415 173345
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (SE)	0	1	566415 173345
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	533	1	567000 173345
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (SE)	693	1	567000 172889
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	805	1	566500 172500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NE (E)	946	1	567343 172988
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9SW (SE)	982	1	567000 172500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	BGS Recorded Mineral Sites Site Name: Milton Hall Road Denehole Location: Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 220394 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12NW (W)	666	1	565709 173361
134	BGS Recorded Mineral Sites Site Name: Chalk Chalk Pit Location: Chalk, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 131055 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	714	1	566068 172684
135	BGS Recorded Mineral Sites Site Name: Denton Wharf Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10546 Type: Wharf Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A18NE (N)	951	1	566475 174330
136	BGS Recorded Mineral Sites Site Name: Clubb'S Marine Terminal Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10545 Type: Wharf Status: Active Operator: J. Clubb Ltd. Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	989	1	566960 174200
136	BGS Recorded Mineral Sites Site Name: Clubb'S Marine Terminal Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10545 Type: Wharf Status: Active Operator: J. Clubb Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	989	1	566960 174200
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 565600 Northing: 173340 Distance: 776 Quadrant Reference: A12 Quadrant Reference: SW Bearing Ref: W Cavity Type: Bell pit Commodity: Chalk Solid Geology Detail: Thanet Sand Formation, Chalk Group Superficial Geology: No Details Detail:	A12SW (W)	776	9	565600 173340
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	209	1	566164 173388
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	157	1	566238 173461
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Contemporary Trade Directory Entries Name: Flowmotive Location: 33, Ingoldsby Road, Gravesend, Kent, DA12 2LF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	17	-	566483 173338
138	Contemporary Trade Directory Entries Name: Custom Card Creations Location: 129, Rochester Road, Gravesend, Kent, DA12 2HU Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	83	-	566296 173345
138	Contemporary Trade Directory Entries Name: Dickinson Moore Location: Flat Above 129-131 Rochester Road, Gravesend, Kent, DA12 2HU Classification: Carpets & Rugs - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	83	-	566296 173343
138	Contemporary Trade Directory Entries Name: Waste'A'Wayz Location: 117, Rochester Road, Gravesend, Kent, DA12 2HU Classification: Chemical Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	108	-	566267 173375
139	Contemporary Trade Directory Entries Name: 42 Square Location: 24, Gerald Road, Gravesend, DA12 2HT Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	126	-	566281 173468
140	Contemporary Trade Directory Entries Name: Amc Pest Control Location: 165, Rochester Road, Gravesend, Kent, DA12 2JE Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	147	-	566470 173160
140	Contemporary Trade Directory Entries Name: Kwik Fit Plus - Gravesend Location: Rochester Road, Gravesend, DA12 4TN Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	160	-	566492 173153
141	Contemporary Trade Directory Entries Name: C & C Cleaning Services Location: 20, Maypole Road, Gravesend, DA12 2LP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	160	-	566625 173369
142	Contemporary Trade Directory Entries Name: About Cleaning Location: 78, Rochester Road, Gravesend, DA12 2HZ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	170	-	566206 173363
143	Contemporary Trade Directory Entries Name: J T Reboring Ltd Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	183	-	566436 173119
143	Contemporary Trade Directory Entries Name: B & H Motors Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	183	-	566436 173119
143	Contemporary Trade Directory Entries Name: Mc Autos Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	183	-	566436 173119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: Lion Test & Tyre Centre Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	183	-	566436 173119
143	Contemporary Trade Directory Entries Name: J T Reborng Ltd Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	183	-	566436 173119
143	Contemporary Trade Directory Entries Name: Waller Garages Ltd Location: Lion Garage, 301, Old Road East, Gravesend, Kent, DA12 1PW Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	183	-	566436 173119
143	Contemporary Trade Directory Entries Name: Lion Garage Location: LION GARAGE, 301, OLD ROAD EAST, GRAVESEND, DA12 1PW Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	184	-	566435 173119
143	Contemporary Trade Directory Entries Name: Waller Garages Ltd Location: Old Drive, Maidstone, Kent Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	196	-	566438 173107
144	Contemporary Trade Directory Entries Name: Sunlock Blinds Location: 9, Gerald Road, Gravesend, Kent, DA12 2HT Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	193	-	566250 173532
145	Contemporary Trade Directory Entries Name: Dust Right Location: 17, Roehampton Close, Gravesend, Kent, DA12 2LA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	214	-	566278 173575
146	Contemporary Trade Directory Entries Name: Alan Jolliffe Location: Maltings Enterprise Centre, Lower Higham Road, Gravesend, Kent, DA12 2NQ Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	224	-	566567 173123
146	Contemporary Trade Directory Entries Name: Kwik-Fit Location: Lower Higham Rd, Gravesend, Kent, DA12 2LY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	258	-	566580 173090
147	Contemporary Trade Directory Entries Name: The Housework Hub Location: 5, ALLINGTON CLOSE, GRAVESEND, DA12 2LS Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	245	-	566656 173498
148	Contemporary Trade Directory Entries Name: Lion Hardwares Location: 192, Rochester Road, Gravesend, DA12 4TY Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	259	-	566487 173049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Contemporary Trade Directory Entries Name: Chalk Service Station Location: Chalk Service Station, 179, Rochester Road, Gravesend, DA12 4TN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	289	-	566592 173060
149	Contemporary Trade Directory Entries Name: Shell Eg Chalk Service Station Location: Chalk Service Station, 179, Rochester Road, Gravesend, DA12 4TN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	289	-	566592 173060
149	Contemporary Trade Directory Entries Name: Fivestar Ltd Location: Rochester Rd, Gravesend, Kent, DA12 4TN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	294	-	566567 173040
149	Contemporary Trade Directory Entries Name: Asda Chalk Express Petrol Location: Rochester Road, Gravesend, Kent, DA12 4TN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	296	-	566604 173060
149	Contemporary Trade Directory Entries Name: Shell Chalk Location: Rochester Road, Gravesend, Kent, DA12 4TN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	300	-	566604 173056
150	Contemporary Trade Directory Entries Name: Dgr Procurement Services Ltd Location: 25, Damigos Road, Gravesend, Kent, DA12 2LR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	290	-	566748 173415
151	Contemporary Trade Directory Entries Name: Apple Cleaning Ltd Location: 235, Old Road East, Gravesend, Kent, DA12 1PW Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	296	-	566206 173086
152	Contemporary Trade Directory Entries Name: Dairy Crest Ltd Location: Denton Farm, 29, Rochester Road, Gravesend, Kent, DA12 2JN Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	411	-	566066 173655
153	Contemporary Trade Directory Entries Name: Daniel Dawkins Location: Rochester Road, Gravesend, Kent, DA12 4TN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (SE)	411	-	566708 172994
154	Contemporary Trade Directory Entries Name: C G I'S Ltd Location: 8a, Lower Higham Road, Gravesend, DA12 2NG Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	412	-	566760 173040
155	Contemporary Trade Directory Entries Name: Cobham Street Building Supplies Ltd Location: Lower Range Rd, Gravesend, Kent, DA12 2QL Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	416	-	566274 173788
156	Contemporary Trade Directory Entries Name: New Star Door Controls Ltd Location: Unit 2 Block A, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	431	-	566577 173766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	Contemporary Trade Directory Entries Name: Apple M G Location: Unit 1 Block A, Lion Business Park, Dering Way, Gravesend, DA12 2DN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	434	-	566585 173765
156	Contemporary Trade Directory Entries Name: Metro Mechanical Services Location: Unit 3 Block A, Lion Business Park, Dering Way, Gravesend, DA12 2DN Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	436	-	566558 173779
156	Contemporary Trade Directory Entries Name: Cleanwise Ltd Location: Unit 7 Block B, Lion Business Park, Dering Way, Gravesend, DA12 2DN Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	472	-	566573 173812
157	Contemporary Trade Directory Entries Name: G P S E Metals Location: Unit 16 Block D, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	448	-	566631 173760
158	Contemporary Trade Directory Entries Name: Allscraft Location: Scaffold Yard Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	481	-	566601 173810
158	Contemporary Trade Directory Entries Name: Auto Legend Location: Unit 10 Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	484	-	566590 173818
158	Contemporary Trade Directory Entries Name: Riverview Garage Ltd Location: Unit 13 Block C, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	531	-	566625 173853
159	Contemporary Trade Directory Entries Name: London Used Office Furniture Location: Unit 20 Block D, Lion Business Park, Dering Way, Gravesend, DA12 2DN Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	499	-	566653 173806
159	Contemporary Trade Directory Entries Name: Punjab Autofix Location: Unit 21 Block D, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	511	-	566662 173815
159	Contemporary Trade Directory Entries Name: Automotive Show Room Location: Unit 21 Block D, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	511	-	566662 173815
159	Contemporary Trade Directory Entries Name: Auto 22 Location: Unit 21 Block D, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	511	-	566662 173815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	Contemporary Trade Directory Entries Name: C S Accident Repair Services Location: Unit 12 Block C, Lion Business Park, Dering Way, Gravesend, Kent, DA12 2DN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	529	-	566636 173847
160	Contemporary Trade Directory Entries Name: Solar Air Systems Location: 15, Giles Field, Gravesend, Kent, DA12 2RB Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	519	-	566960 173181
161	Contemporary Trade Directory Entries Name: Moove Location: Dering Way, Gravesend, Kent, DA12 2QX Classification: Lubricant Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned to the address or location	A18SW (N)	531	-	566375 173915
161	Contemporary Trade Directory Entries Name: Comma Location: Comma Works, Dering Way, Gravesend, DA12 2QX Classification: Lubricant Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	537	-	566365 173921
162	Contemporary Trade Directory Entries Name: Scuff Doctor Location: 284, Rochester Road, Gravesend, Kent, DA12 4TZ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	533	-	566770 172887
162	Contemporary Trade Directory Entries Name: Scuff Doctor Location: 284, Rochester Road, Gravesend, Kent, DA12 4TZ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	533	-	566770 172887
162	Contemporary Trade Directory Entries Name: 1st For Quality Location: 286, Rochester Road, Gravesend, Kent, DA12 4TZ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	537	-	566773 172884
163	Contemporary Trade Directory Entries Name: A Rubbish Clearance Service Location: 136, Old Road East, Gravesend, Kent, DA12 1PF Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	534	-	565905 173078
163	Contemporary Trade Directory Entries Name: A Rubbish Clearance Service Location: 136, Old Road East, Gravesend, Kent, DA12 1PF Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	534	-	565905 173078
164	Contemporary Trade Directory Entries Name: L E Gill Location: 30, Range Road, Gravesend, Kent, DA12 2JR Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	551	-	566060 173836
165	Contemporary Trade Directory Entries Name: Growplan Ltd Location: 13, Alexandra Road, Gravesend, Kent, DA12 2QG Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	580	-	566104 173897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Contemporary Trade Directory Entries Name: Gaslec Installations Ltd Location: 5, East Milton Road, Gravesend, Kent, DA12 2JL Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	582	-	565973 173806
167	Contemporary Trade Directory Entries Name: Startrite Engine Tuning Location: 110, Old Road East, Gravesend, Kent, DA12 1PF Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	595	-	565823 173112
168	Contemporary Trade Directory Entries Name: J Roberts Electrical Ltd Location: 44, Richmond Drive, Gravesend, Kent, DA12 4DJ Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	598	-	566422 172705
169	Contemporary Trade Directory Entries Name: Matt'S Easy Cleaning Services Location: 9, The Poplars, Gravesend, Kent, DA12 2PU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	624	-	566191 173980
170	Contemporary Trade Directory Entries Name: Superior Sealants Ltd Location: 332, Rochester Road, Gravesend, Kent, DA12 4TT Classification: Sealant Compounds & Applications Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	658	-	566902 172835
171	Contemporary Trade Directory Entries Name: Gravesend Motor Services Location: 1, Waterton Avenue, Gravesend, Kent, DA12 2PY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	664	-	566066 173972
171	Contemporary Trade Directory Entries Name: Gravesend Motor Service Location: 1, Waterton Avenue, Gravesend, Kent, DA12 2PY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	664	-	566066 173972
172	Contemporary Trade Directory Entries Name: Allens Autos Mobile Services Location: 90, Barr Road, Gravesend, Kent, DA12 4DZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	685	-	566828 172743
172	Contemporary Trade Directory Entries Name: Allens Autos Location: 90, Barr Road, Gravesend, Kent, DA12 4DZ Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	685	-	566828 172743
172	Contemporary Trade Directory Entries Name: Allensautos Mobile Services Location: 90, Barr Road, Gravesend, Kent, DA12 4DZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	685	-	566828 172743
173	Contemporary Trade Directory Entries Name: Claires Cabinets Location: 33, Pine Avenue, Gravesend, Kent, DA12 1QY Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	700	-	565680 173262
174	Contemporary Trade Directory Entries Name: Ladybird Cleaning Services Location: 101, Barr Road, Gravesend, Kent, DA12 4DX Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	701	-	566879 172759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Contemporary Trade Directory Entries Name: L V Transport Ltd Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	715	-	566206 174079
175	Contemporary Trade Directory Entries Name: R S Dawe Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	715	-	566206 174079
175	Contemporary Trade Directory Entries Name: R S Dawe Ltd Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	715	-	566206 174079
175	Contemporary Trade Directory Entries Name: R S Dawe Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	715	-	566206 174079
175	Contemporary Trade Directory Entries Name: R S Dawe Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	715	-	566206 174079
175	Contemporary Trade Directory Entries Name: Milestone Recovery Location: Norfolk Rd, Gravesend, Kent, DA12 2PS Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	719	-	566175 174075
175	Contemporary Trade Directory Entries Name: R P Cars Location: Norfolk Road, Gravesend, Kent, DA12 2PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	719	-	566175 174075
175	Contemporary Trade Directory Entries Name: Lynx Engineering Kent Ltd Location: PLOTS 5-6, INDUSTRIAL ESTATE, NORFOLK ROAD, GRAVESEND, DA12 2PS Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	725	-	566201 174088
176	Contemporary Trade Directory Entries Name: Mobile Caretaker Services Location: 19, Raphael Road, Gravesend, Kent, DA12 2PN Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	720	-	565871 173899
177	Contemporary Trade Directory Entries Name: Bulk Products (Uk) Ltd Location: Mark Lane, Gravesend, Kent, DA12 2QB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	721	-	566435 174102
177	Contemporary Trade Directory Entries Name: Eurobulk Ltd Location: Mark Lane, GRAVESEND, Kent, DA12 2QB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	721	-	566435 174102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	Contemporary Trade Directory Entries Name: G & M Motors Location: 85, Milton Road, Gravesend, Kent, DA12 2PP Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	735	-	565801 173844
179	Contemporary Trade Directory Entries Name: Invictus Inspection Services Ltd Location: 51, MEDHURST CRESCENT, GRAVESEND, DA12 4HJ Classification: Engineering Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	735	-	566633 172595
180	Contemporary Trade Directory Entries Name: N S P Coatings Ltd Location: PLOT 2, INDUSTRIAL ESTATE, NORFOLK ROAD, GRAVESEND, DA12 2PS Classification: Powder Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (NW)	739	-	566110 174074
181	Contemporary Trade Directory Entries Name: Boxley Haulage Ltd Location: Gravesend, DA12 2PS Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	742	-	566339 174125
182	Contemporary Trade Directory Entries Name: Greenfields Location: 55, Bourne Road, Gravesend, Kent, DA12 4EA Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	746	-	566809 172657
183	Contemporary Trade Directory Entries Name: Chips Away Location: 84, Old Road East, Gravesend, Kent, DA12 1PE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	767	-	565659 173060
184	Contemporary Trade Directory Entries Name: H Y - Scaff Scaffolding Services Location: Yard 5 Nuralite Industrial Centre, Canal Road, Higham, Rochester, Kent, ME3 7JA Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	773	-	565866 173966
184	Contemporary Trade Directory Entries Name: R D S Roadsport Ltd Location: Unit 6a Nuralite Industrial Centre, Canal Road, Higham, Rochester, Kent, ME3 7JA Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	773	-	565866 173966
184	Contemporary Trade Directory Entries Name: Mr Fibre Glass Location: Unit 33m Nuralite Industrial Centre, Canal Road, Higham, Rochester, Kent, ME3 7JA Classification: Glass Fibre Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	773	-	565866 173966
184	Contemporary Trade Directory Entries Name: M L Motorsport Ltd Location: Unit 19 Nuralite Industrial Centre, Canal Road, Higham, Rochester, Kent, ME3 7JA Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	773	-	565866 173966
184	Contemporary Trade Directory Entries Name: T S Autos Location: Unit 9, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	778	-	565864 173971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Contemporary Trade Directory Entries Name: H M C Fleet Maintenance Centre Location: Unit 9, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	778	-	565864 173971
184	Contemporary Trade Directory Entries Name: Norfolk Road M O T Centre Location: Unit 6-8, Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	794	-	565861 173990
184	Contemporary Trade Directory Entries Name: Gravesend Sound & Lighting Location: Unit 3, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	808	-	565862 174009
184	Contemporary Trade Directory Entries Name: Gravesend Sound & Lighting Location: Unit 3, Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	808	-	565862 174009
184	Contemporary Trade Directory Entries Name: A B Seals Ltd Location: Unit 15, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Seal & Joint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	811	-	565829 173984
184	Contemporary Trade Directory Entries Name: Precise (Sheet Metal) Ltd Location: Unit 6/7, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17SE (NW)	812	-	565843 173997
184	Contemporary Trade Directory Entries Name: Thames Hose & Couplings Ltd Location: Unit 1-2, Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	817	-	565859 174018
184	Contemporary Trade Directory Entries Name: N B Tool Services Location: Unit 13, Canal Industrial Park, Canal Road, Gravesend, Kent, DA12 2PA Classification: Plant & Machinery Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	825	-	565824 173998
185	Contemporary Trade Directory Entries Name: G E Hydrafab Ltd Location: Norfolk Road, Gravesend, DA12 2PS Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	776	-	565933 174022
185	Contemporary Trade Directory Entries Name: K T M Meats Ltd Location: Norfolk Road, GRAVESEND, Kent, DA12 2PS Classification: Meat - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	779	-	565934 174027
185	Contemporary Trade Directory Entries Name: Mackey Bowley International Ltd Location: Norfolk Road, Gravesend, Kent, DA12 2PT Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	813	-	565885 174033
186	Contemporary Trade Directory Entries Name: Gravesend Car Breakers Location: Wharf Rd, Gravesend, Kent, DA12 2RU Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	783	-	566344 174166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	Contemporary Trade Directory Entries Name: Abbey Fork Trucks Location: Unit 7, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Mechanical Handling Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	796	-	566350 174179
186	Contemporary Trade Directory Entries Name: Diesel Engines Location: Unit 7, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	796	-	566350 174179
186	Contemporary Trade Directory Entries Name: Bridgeform Ltd Location: Unit 7, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	796	-	566350 174179
187	Contemporary Trade Directory Entries Name: Amsco Logistics Location: Yard East of Unit 7, Denton Wharf, Mark Lane, Gravesend, DA12 2QB Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	789	-	566597 174141
188	Contemporary Trade Directory Entries Name: The Power House Computer Centre Location: Church Hall, St. Aidans Way, Gravesend, Kent, DA12 4AG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	791	-	566110 172581
189	Contemporary Trade Directory Entries Name: A G S Scaffolding Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	798	-	566286 174177
189	Contemporary Trade Directory Entries Name: Abbey Fork Trucks Ltd Location: Wharf Rd, Gravesend, Kent, DA12 2RU Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	801	-	566271 174178
189	Contemporary Trade Directory Entries Name: Denton Wharf Spares Location: Norfolk Road Ind Est, Gravesend, Kent, DA12 2RU Classification: Diesel Fuel Injection Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	802	-	566262 174178
189	Contemporary Trade Directory Entries Name: Broadshire Contracts Location: Katrina Wharf, 5, Wharf Road, Gravesend, DA12 2RU Classification: Concrete Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	803	-	566292 174183
189	Contemporary Trade Directory Entries Name: H & F Vehicle Recycling Location: Wharf Rd, Gravesend, Kent, DA12 2RU Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	805	-	566258 174180
190	Contemporary Trade Directory Entries Name: Crystalclear Cleaners Location: 105, Medhurst Gardens, Gravesend, Kent, DA12 4HG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	809	-	566630 172518
191	Contemporary Trade Directory Entries Name: J & M Crane & Transport Ltd Location: Denton Wharf, Mark Lane, Gravesend, Kent, DA12 2PL Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	811	-	566692 174130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	Contemporary Trade Directory Entries Name: Mechanical Movements & Enabling Services Ltd Location: Mark Lane, GRAVESEND, Kent, DA12 2QB Classification: Industrial Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	823	-	566533 174192
192	Contemporary Trade Directory Entries Name: Abbey Fork Trucks Ltd Location: Unit B Denton Wharf,Mark Lane, Gravesend, Kent, DA12 2QD Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	845	-	566573 174205
193	Contemporary Trade Directory Entries Name: Valley Dry Cleaners Location: 8, The Parade, Valley Drive, Gravesend, Kent, DA12 5RT Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	835	-	565905 172639
193	Contemporary Trade Directory Entries Name: Valley Dry Cleaners Location: 8, The Parade, Valley Drive, Gravesend, Kent, DA12 5RT Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	835	-	565905 172639
193	Contemporary Trade Directory Entries Name: Valley Dry Cleaners Location: 8, The Parade, Valley Drive, Gravesend, Kent, DA12 5RT Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	835	-	565905 172639
194	Contemporary Trade Directory Entries Name: Used Tyre Centre Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	844	-	566395 174228
194	Contemporary Trade Directory Entries Name: Care Auto Repairs Location: Unit 7, Mark Lane, Gravesend, DA12 2QB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	853	-	566397 174237
194	Contemporary Trade Directory Entries Name: Lifting Gear Hire London Ltd Location: Unit 6, Mark Lane, Gravesend, Kent, DA12 2QB Classification: Lifting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	864	-	566398 174248
194	Contemporary Trade Directory Entries Name: Spartan Metal Recycling Location: UNIT 7, WHARF ROAD, GRAVESEND, DA12 2RU Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	872	-	566393 174256
194	Contemporary Trade Directory Entries Name: 1st Bus Stop Bus & Coach Hire Company Location: Wharf Road, Gravesend, DA12 2RU Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	876	-	566393 174260
195	Contemporary Trade Directory Entries Name: Eurobulk Ltd Location: Marine House Denton Wharf,Mark Lane, Gravesend, Kent, DA12 2PL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	850	-	566469 174229
196	Contemporary Trade Directory Entries Name: M S S Catering Equipment Engineers Location: 182, Lower Higham Road, Gravesend, Kent, DA12 2NN Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	855	-	567302 173159

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	Contemporary Trade Directory Entries Name: Semec Engineering Ltd Location: Cornwall Wharf, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	860	-	566285 174239
198	Contemporary Trade Directory Entries Name: Clubb Sand & Gravel Location: Marine Works, Mark Lane, GRAVESEND, Kent, DA12 2QB Classification: Quarries Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	864	-	566894 174095
199	Contemporary Trade Directory Entries Name: H & F Recycling Location: Units 3-4 Wharf Road, Gravesend, Kent, DA12 2RU Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	868	-	566174 174229
199	Contemporary Trade Directory Entries Name: S M M Propeller Services Ltd Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	882	-	566127 174231
199	Contemporary Trade Directory Entries Name: Smm Engineering Services Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	882	-	566127 174231
199	Contemporary Trade Directory Entries Name: Thames Ship Repair Services Ltd Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Ship Builders, Repairs & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	882	-	566127 174231
200	Contemporary Trade Directory Entries Name: R K B Concrete Ltd Location: Wharf Road, Gravesend, Kent, DA12 2RU Classification: Concrete Contractors Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	869	-	566190 174233
201	Contemporary Trade Directory Entries Name: North Kent Distribution Location: Unit 1, Denton Wharf, Mark Lane, Gravesend, DA12 2PL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	889	-	566538 174258
201	Contemporary Trade Directory Entries Name: Cowden Tbm Ltd Location: Denton Wharf Business Park, Gravesend, DA12 2QD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	918	-	566495 174294
201	Contemporary Trade Directory Entries Name: D T Rescue Location: Denton Wharf, Mark Lane, Gravesend, Kent, DA12 2QD Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	918	-	566495 174294
201	Contemporary Trade Directory Entries Name: J N Recovery Location: Unit 6,Denton Business Estate,Mark La, Gravesend, Kent, DA12 2QB Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	918	-	566495 174294
201	Contemporary Trade Directory Entries Name: Wavecrest Ltd Location: Denton Wharf,Mark Lane, Gravesend, Kent, DA12 2PL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	922	-	566506 174296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Contemporary Trade Directory Entries Name: Wavecrest Ltd Location: Denton Wharf, Mark Lane, Gravesend, Kent, DA12 2QD Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	922	-	566507 174296
201	Contemporary Trade Directory Entries Name: Thames Tideway Properties Ltd Location: Denton Wharf, Mark Lane, Gravesend, Kent, DA12 2QD Classification: Ports, Docks & Harbours Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	922	-	566507 174296
201	Contemporary Trade Directory Entries Name: Access Warehousing & Distribution Location: Denton Wharf, Mark La, Gravesend, Kent, DA12 2QD Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	940	-	566487 174317
202	Contemporary Trade Directory Entries Name: M & J Location: 32, Thomas Drive, Gravesend, Kent, DA12 5PZ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	897	-	565878 172583
203	Contemporary Trade Directory Entries Name: John Beeney Location: 40, Norfolk Road, Gravesend, Kent, DA12 2RX Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	908	-	565704 173996
204	Contemporary Trade Directory Entries Name: Rudridge Location: Mark Lane, Gravesend, Kent, DA12 2QB Classification: Engineering Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	911	-	566600 174267
204	Contemporary Trade Directory Entries Name: Ideal Fires Location: Mark Lane, Gravesend, Kent, DA12 2QB Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	946	-	566639 174292
205	Contemporary Trade Directory Entries Name: Dukey'S Carpet Upholstery Cleaners Location: 38, Alanbrooke, Gravesend, Kent, DA12 1NA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	924	-	565555 173809
206	Contemporary Trade Directory Entries Name: Meat Express Location: 54, Thong Lane, Gravesend, DA12 4LD Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	925	-	566959 172541
207	Contemporary Trade Directory Entries Name: John Laffan Location: Laffans Yard, Suffolk Road, Gravesend, Kent, DA12 2SN Classification: Concrete Reinforcements Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17NW (NW)	939	-	565718 174055
208	Contemporary Trade Directory Entries Name: Southern Conveyors Location: Unit 2, Denton Slipways Site, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	939	-	565987 174239
208	Contemporary Trade Directory Entries Name: Metal Aspects Ltd Location: Unit 2, Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	939	-	565987 174239

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	Contemporary Trade Directory Entries Name: G & S Traction Services Location: Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	958	-	566013 174271
208	Contemporary Trade Directory Entries Name: Highford Location: Unit 1, Denton Slipways Site, Wharf Road, Gravesend, Kent, DA12 2RU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	958	-	566014 174271
208	Contemporary Trade Directory Entries Name: M & D Trading Ltd Location: Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	958	-	566013 174271
209	Contemporary Trade Directory Entries Name: Mechanical Removals & Installations Ltd Location: UNIT 1, DENTON SLIPWAYS SITE, WHARF ROAD, GRAVESEND, DA12 2RU Classification: Mechanical Handling Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	941	-	566066 174273
210	Contemporary Trade Directory Entries Name: Club Sand & Gravel Ltd Location: MARK LANE, GRAVESEND, DA12 2QB Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	960	-	566837 174229
210	Contemporary Trade Directory Entries Name: Day Group Ltd Location: Mark Lane, Gravesend, Kent, DA12 2QB Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	965	-	566863 174223
211	Contemporary Trade Directory Entries Name: King Lifting Ltd Location: Canal Basin, Albion Parade, Gravesend, Kent, DA12 2RN Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	974	-	565892 174231
212	Contemporary Trade Directory Entries Name: R P Car & Commercial Location: Canal Basin Office, Albion Parade, Gravesend, Kent, DA12 2RW Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	978	-	565807 174180
213	Contemporary Trade Directory Entries Name: A M Trans Location: Flat 78, Fisgard Court, Admirals Way, Gravesend, Kent, DA12 2AW Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	984	-	565754 174148
214	Contemporary Trade Directory Entries Name: B P Garden Maintenance Location: 22, St. Chads Drive, Gravesend, Kent, DA12 4EL Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	988	-	566311 172323
215	Contemporary Trade Directory Entries Name: E M A T Location: 83, Chalk Road, Gravesend, Kent, DA12 4UT Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	994	-	567363 172911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	Fuel Station Entries Name: Chalk Service Station Location: Rochester Road, Gravesend, Kent, DA12 4TN Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	300	-	566604 173056
217	Fuel Station Entries Name: Valley Drive Service Station Location: Valley Drive, Gravesend, Kent, DA12 5RT Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	884	-	565890 172590
218	Points of Interest - Commercial Services Name: Kwik-Fit Tyre Exhaust Brake Location: Rochester Road, Gravesend, DA12 4TN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	155	10	566495 173160
218	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Rochester Road, Gravesend, DA12 4TN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	155	10	566495 173160
218	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Rochester Road, Gravesend, DA12 4TN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	160	10	566492 173153
218	Points of Interest - Commercial Services Name: Lion Test & Tyre Centre Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	183	10	566436 173119
218	Points of Interest - Commercial Services Name: J T Reboring Ltd Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	183	10	566436 173119
218	Points of Interest - Commercial Services Name: J T Reboring Ltd Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	183	10	566436 173119
218	Points of Interest - Commercial Services Name: Lion Test & Tyre Centre Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	184	10	566435 173119
218	Points of Interest - Commercial Services Name: Waller Garages Ltd Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	184	10	566435 173119
218	Points of Interest - Commercial Services Name: Lion Garage Location: Lion Garage 301, Old Road East, Gravesend, DA12 1PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	184	10	566435 173119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	Points of Interest - Commercial Services Name: B & H Motor Engineers Location: 200 Rochester Road, Gravesend, DA12 4TY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	275	10	566513 173039
219	Points of Interest - Commercial Services Name: B & H Motor Engineers Location: 200 Rochester Road, Gravesend, DA12 4TY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (S)	275	10	566513 173039
219	Points of Interest - Commercial Services Name: Shell Car Wash Location: Chalk Service Station 179, Rochester Road, Gravesend, DA12 4TN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	290	10	566592 173060
220	Points of Interest - Commercial Services Name: Chalk Service Station Location: Rochester Road, Gravesend, DA12 4TN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	300	10	566604 173056
220	Points of Interest - Commercial Services Name: Car Wash Location: Rochester Road, Gravesend, Kent, DA12 4TN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	300	10	566604 173056
221	Points of Interest - Commercial Services Name: G P S E Ltd Location: Unit 16 Lion Business Park, Dering Way, Gravesend, DA12 2DN Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18SE (NE)	448	10	566628 173762
221	Points of Interest - Commercial Services Name: Riverside MOT Centre Location: Unit 4 Block B Lion Business Park, Dering Way, Gravesend, DA12 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	475	10	566609 173799
221	Points of Interest - Commercial Services Name: Punjab Autofix Location: Unit 9 Block B Lion Business Park, Dering Way, Gravesend, DA12 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	479	10	566599 173809
221	Points of Interest - Commercial Services Name: Auto 22 Location: Unit 21 Block D Lion Business Park, Dering Way, Gravesend, DA12 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	510	10	566662 173814
221	Points of Interest - Commercial Services Name: Riverview Garage Location: Unit 13 Block C Lion Business Park, Dering Way, Gravesend, DA12 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	526	10	566622 173849
222	Points of Interest - Commercial Services Name: Gravesend Motor Services Location: 1 Waterton Avenue, Gravesend, DA12 2PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	664	10	566066 173972
222	Points of Interest - Commercial Services Name: Gravesend Motor Services Location: 1 Waterton Avenue, Gravesend, DA12 2PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	664	10	566065 173971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
223	Points of Interest - Commercial Services Name: Allens Autos Location: 90 Barr Road, Gravesend, DA12 4DZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	685	10	566827 172742
223	Points of Interest - Commercial Services Name: Allensautos Mobile Services Location: 90 Barr Road, Gravesend, DA12 4DZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	685	10	566828 172743
224	Points of Interest - Commercial Services Name: R S Dawe Ltd Location: Norfolk Road, Gravesend, DA12 2PS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	714	10	566205 174078
224	Points of Interest - Commercial Services Name: L V Transport Ltd Location: Norfolk Road, Gravesend, DA12 2PS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	715	10	566206 174079
224	Points of Interest - Commercial Services Name: R S Dawe Location: Norfolk Road, Gravesend, DA12 2PS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	715	10	566206 174079
224	Points of Interest - Commercial Services Name: R S Dawe Location: Norfolk Road, Gravesend, DA12 2PS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	715	10	566206 174079
224	Points of Interest - Commercial Services Name: L V Transport Ltd Location: Norfolk Road, Gravesend, DA12 2PS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	715	10	566206 174079
225	Points of Interest - Commercial Services Name: Bulk Products (UK) Ltd Location: Mark Lane, Gravesend, DA12 2QB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	721	10	566435 174102
225	Points of Interest - Commercial Services Name: Eurobulk Ltd Location: Mark Lane, Gravesend, DA12 2QB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	721	10	566435 174102
226	Points of Interest - Commercial Services Name: Greenline Transport Ltd Location: 2 The Sandpipers, Gravesend, DA12 5QB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	724	10	565826 172858
227	Points of Interest - Commercial Services Name: G & M Motors Location: 85 Milton Road, Gravesend, DA12 2PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	735	10	565801 173844
227	Points of Interest - Commercial Services Name: G & M Motors Location: 85 Milton Road, Gravesend, DA12 2PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	735	10	565801 173844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	Points of Interest - Commercial Services Name: Boxley Haulage Ltd Location: Plots 10 -14 Norfolk Road Industrial Estate, Norfolk Road, Gravesend, DA12 2PS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	742	10	566339 174125
228	Points of Interest - Commercial Services Name: Gravesend Metal Recycling Ltd Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	796	10	566350 174179
228	Points of Interest - Commercial Services Name: Diesel Engines Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	796	10	566350 174179
228	Points of Interest - Commercial Services Name: Bridgeform Ltd Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	796	10	566350 174179
228	Points of Interest - Commercial Services Name: Gravesend Metal Recycling Denton Wharf Ltd Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	796	10	566350 174179
228	Points of Interest - Commercial Services Name: Scrap Yard Location: DA12 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	838	10	566348 174222
228	Points of Interest - Commercial Services Name: Care Auto Repairs Location: Unit 7, Mark Lane, Gravesend, DA12 2QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	853	10	566397 174237
228	Points of Interest - Commercial Services Name: Care Auto Repairs Location: Unit 7, Mark Lane, Gravesend, DA12 2QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	854	10	566397 174238
228	Points of Interest - Commercial Services Name: Spartan Metal Recycling Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	871	10	566393 174255
229	Points of Interest - Commercial Services Name: T S Autos Location: Unit 9 Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	778	10	565864 173971
229	Points of Interest - Commercial Services Name: H M C Fleet Maintenance Centre Location: Unit 9 Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	778	10	565864 173971
229	Points of Interest - Commercial Services Name: T S Autos Location: Unit 9 Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	779	10	565863 173971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	Points of Interest - Commercial Services Name: Norfolk Road M O T Centre Location: Units 6-7 Canal Industrial Park, Canal Road, Gravesend, DA12 2PA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	794	10	565861 173990
230	Points of Interest - Commercial Services Name: J & M Crane & Transport Ltd Location: Unit 6 Denton Wharf, Mark Lane, Gravesend, DA12 2QB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	804	10	566531 174173
231	Points of Interest - Commercial Services Name: Eurobulk Ltd Location: Marine House Denton Wharf, Mark Lane, Gravesend, DA12 2PL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	850	10	566469 174229
231	Points of Interest - Commercial Services Name: North Kent Distribution Location: Unit 1, Mark Lane, Gravesend, DA12 2QB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	899	10	566431 174281
231	Points of Interest - Commercial Services Name: Wavecrest Ltd Location: Denton Wharf, Mark Lane, Gravesend, DA12 2QD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	922	10	566507 174296
232	Points of Interest - Commercial Services Name: G & S Traction Services Location: Unit 3, Wharf Road, Gravesend, DA12 2RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	868	10	566177 174229
233	Points of Interest - Commercial Services Name: The M O T Centre Location: 12-15 Norfolk Road, Gravesend, DA12 2RX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	872	10	565713 173953
233	Points of Interest - Commercial Services Name: John Beeney Location: 40 Norfolk Road, Gravesend, DA12 2RX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17SW (NW)	908	10	565704 173996
234	Points of Interest - Commercial Services Name: Scrap Yard Location: DA12 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	885	10	566382 174269
235	Points of Interest - Commercial Services Name: Metal Aspects Ltd Location: Unit 2 Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17NE (NW)	939	10	565987 174239
235	Points of Interest - Commercial Services Name: Highford Location: Unit 1 Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	958	10	566014 174271
235	Points of Interest - Commercial Services Name: Highford Ltd Location: Unit 1 Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	958	10	566014 174271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Points of Interest - Commercial Services Name: Davies Preparations Location: Unit 3 Denton Slipways Site, Wharf Road, Gravesend, DA12 2RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	990	10	565981 174292
236	Points of Interest - Commercial Services Name: R P Car & Commercial Location: Canal Basin Office, Albion Parade, Gravesend, DA12 2RW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17NE (NW)	978	10	565807 174180
236	Points of Interest - Commercial Services Name: A M Trans Location: Flat 78 Fisgard Court, Admirals Way, Gravesend, DA12 2AW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	984	10	565754 174148
236	Points of Interest - Commercial Services Name: A & M Transport Ltd Location: Flat 78 Fisgard Court, Admirals Way, Gravesend, DA12 2AW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	984	10	565754 174148
237	Points of Interest - Manufacturing and Production Name: The Maltings Enterprise Centre Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	250	10	566582 173101
237	Points of Interest - Manufacturing and Production Name: The Maltings Enterprise Centre Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	250	10	566587 173105
238	Points of Interest - Manufacturing and Production Name: Lion Business Park Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	440	10	566569 173779
239	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	467	10	566410 173850
239	Points of Interest - Manufacturing and Production Name: Tanks Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	467	10	566410 173850
239	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	476	10	566388 173860
239	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	476	10	566409 173859
239	Points of Interest - Manufacturing and Production Name: Tanks Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	476	10	566388 173860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	Points of Interest - Manufacturing and Production Name: Tanks Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	476	10	566409 173859
239	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	507	10	566345 173890
239	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	507	10	566345 173890
239	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	573	10	566296 173952
240	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12NE (W)	471	10	565904 173385
241	Points of Interest - Manufacturing and Production Name: Industrial Park Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	574	10	566975 173610
242	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	660	10	566669 173975
243	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	718	10	566431 174100
243	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	719	10	566434 174100
244	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	726	10	566340 174109
244	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	737	10	566341 174120
245	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	730	10	566175 174086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	730	10	566175 174086
245	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	736	10	566220 174104
245	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	737	10	566161 174089
245	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	737	10	566216 174104
245	Points of Interest - Manufacturing and Production Name: Factory Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	749	10	566108 174084
245	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	752	10	566152 174102
246	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	746	10	565943 173993
246	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	749	10	565940 173994
246	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	759	10	565919 173991
246	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	762	10	565916 173992
246	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	775	10	565932 174020
246	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	797	10	565892 174018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	Points of Interest - Manufacturing and Production Name: Canal Road Industrial Park Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	805	10	565842 173988
246	Points of Interest - Manufacturing and Production Name: Canal Road Industrial Park Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	807	10	565841 173989
246	Points of Interest - Manufacturing and Production Name: Norfolk Road Industrial Estate Location: DA12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	818	10	565881 174036
247	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	806	10	566456 174186
247	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	808	10	566460 174187
248	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	855	10	566295 174235
248	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	855	10	566292 174235
249	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	874	10	566191 174238
249	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	874	10	566191 174238
249	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	900	10	566192 174265
250	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	874	10	566807 174148
250	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	881	10	566845 174139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
250	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	882	10	566849 174138
250	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	905	10	566909 174133
250	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	907	10	566914 174132
250	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	909	10	566918 174132
250	Points of Interest - Manufacturing and Production Name: Tanks Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	915	10	566926 174134
251	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (N)	909	10	566075 174242
251	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (N)	909	10	566075 174242
252	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	929	10	565971 174221
252	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	943	10	565987 174244
252	Points of Interest - Manufacturing and Production Name: Works Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	944	10	565987 174245
253	Points of Interest - Manufacturing and Production Name: Tank Location: DA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	930	10	565709 174034
254	Points of Interest - Manufacturing and Production Name: Clubb Sand & Gravel Location: Marine Works, Mark Lane, Gravesend, DA12 2QB Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A19NW (NE)	960	10	566837 174229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	Points of Interest - Manufacturing and Production Name: Factory Location: DA12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	973	10	566922 174203
256	Points of Interest - Public Infrastructure Name: Shell Chalk Location: 179 Rochester Road, Gravesend, DA12 4TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	279	10	566584 173067
256	Points of Interest - Public Infrastructure Name: Shell Eg Chalk Service Station Location: Chalk Service Station 179, Rochester Road, Gravesend, DA12 4TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	295	10	566602 173060
256	Points of Interest - Public Infrastructure Name: Shell Chalk Service Station Location: Rochester Road, Chalk, Gravesend, DA12 4TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	300	10	566604 173056
256	Points of Interest - Public Infrastructure Name: Chalk Service Station Location: Rochester Road, Gravesend, DA12 4TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	300	10	566604 173056
257	Points of Interest - Public Infrastructure Name: A Rubbish Clearance Service Location: 136 Old Road East, Gravesend, DA12 1PF Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	534	10	565905 173078
258	Points of Interest - Public Infrastructure Name: Sewage Works Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	579	10	566630 173904
258	Points of Interest - Public Infrastructure Name: Sewage Works Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	581	10	566629 173906
258	Points of Interest - Public Infrastructure Name: Sewage Works Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	583	10	566590 173925
258	Points of Interest - Public Infrastructure Name: Sewage Works Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	619	10	566624 173950
259	Points of Interest - Public Infrastructure Name: Sludge Bed Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	601	10	566818 173831
260	Points of Interest - Public Infrastructure Name: Sludge Beds Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	680	10	566784 173945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	Points of Interest - Public Infrastructure Name: Sludge Bed Location: DA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	740	10	566799 174004
261	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	726	10	566022 174019
261	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	730	10	566017 174020
262	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	827	10	566086 174159
262	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (N)	827	10	566082 174158
263	Points of Interest - Public Infrastructure Name: 1st Bus Stop Bus & Coach Hire Company Location: Unit 7, Wharf Road, Gravesend, DA12 2RU Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A18NW (N)	876	10	566392 174260
264	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	891	10	566983 174069
264	Points of Interest - Public Infrastructure Name: Sluice Location: DA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	895	10	566988 174070
265	Points of Interest - Public Infrastructure Name: B P Garden Maintenance Location: 22 St. Chads Drive, Gravesend, DA12 4EL Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A3NW (S)	988	10	566311 172323
266	Points of Interest - Recreational and Environmental Name: Play Area Location: DA12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	100	10	566383 173484
267	Points of Interest - Recreational and Environmental Name: Play Area Location: DA12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	543	10	567008 173392
268	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	596	10	566307 173976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
268	Points of Interest - Recreational and Environmental Name: Playground Location: Waterton Avenue, DA12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SW (N)	596	10	566307 173976
269	Points of Interest - Recreational and Environmental Name: Playground Location: Hampton Crescent, DA12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	766	10	566158 172588
270	Points of Interest - Recreational and Environmental Name: Play Area Location: DA12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	928	10	566664 172404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	Areas of Adopted Green Belt Authority: Gravesham Borough Council Plan Name: Gravesham Local Plan - Core Strategy Status: Adopted Plan Date: 30th September 2014	A9NE (SE)	833	11	567103 172793
272	Environmentally Sensitive Areas Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 110134.73 Source: Natural England	A13NE (NE)	306	13	566626 173605
273	Environmentally Sensitive Areas Name: North Kent Marshes (decommissioned) Multiple Areas: Y Total Area (m2): 32710239.72 Source: Natural England	A13NE (NE)	322	13	566708 173557
274	Nitrate Vulnerable Zones Name: Coastal Streams To Lower Thames Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (E)	96	4	566549 173291
275	Nitrate Vulnerable Zones Name: North Kent Description: Groundwater Source: Environment Agency, Head Office	A13NE (E)	104	4	566560 173390
276	Ramsar Sites Name: Thames Estuary & Marshes Multiple Areas: Y Total Area (m2): 55535895.09 Source: Natural England Reference: UK11069 Designation Date: Not Supplied	A14NE (E)	714	13	567181 173348
277	Sites of Special Scientific Interest Name: South Thames Estuary And Marshes Multiple Areas: Y Total Area (m2): 52889828.28 Source: Natural England Reference: 1003874 Designation Details: Environmentally Sensitive Area Designation Date: 24th December 1991 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 24th December 1991 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 24th December 1991 Date Type: Notified Designation Details: Ramsar Site Designation Date: 24th December 1991 Date Type: Notified Designation Details: RSPB Reserve Designation Date: 24th December 1991 Date Type: Notified Designation Details: Special Protection Area Designation Date: 24th December 1991 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 24th December 1991 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 24th December 1991 Date Type: Notified	A14NW (NE)	640	13	567017 173671

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Thurrock Borough Council - Environmental Health Department Dartford Borough Council - Environmental Health Department Gravesham Borough Council - Public Health Services Medway Council - Environmental Health	November 2023 October 2017 September 2017 September 2017 September 2017	Annually Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Southern Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Southern Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region	October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Thurrock Borough Council - Environmental Health Department London Port Health Authority - Environmental Services Medway Council - Environmental Health Gravesham Borough Council - Environmental Health Department Dartford Borough Council - Environmental Health Department	February 2015 January 2023 June 2014 October 2014 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Thurrock Borough Council - Environmental Health Department London Port Health Authority - Environmental Services Medway Council - Environmental Health Gravesham Borough Council - Environmental Health Department Dartford Borough Council - Environmental Health Department	February 2015 January 2023 June 2014 October 2014 September 2014	Not Applicable Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Thurrock Borough Council - Environmental Health Department London Port Health Authority - Environmental Services Medway Council - Environmental Health Gravesham Borough Council - Environmental Health Department Dartford Borough Council - Environmental Health Department	February 2015 January 2023 June 2014 October 2014 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2024	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region Environment Agency - Anglian Region Environment Agency - Thames Region	December 1999 September 1999 September 1999	
Historical Prosecutions Environment Agency, Southern Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Head Office Environment Agency - Southern Region	May 2023 May 2023 May 2023	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Southern Region	October 2024 October 2024	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Southern Region	October 2017 October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	October 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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2023	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Surface Waters Environment Agency - Head Office	July 2024	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	August 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Southern Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	August 2024 August 2024 August 2024 August 2024	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Dartford Borough Council - Environmental Health Department Gravesham Borough Council Kent County Council - Waste Management Group Medway Council - Environmental Protection Department Thurrock 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 Dartford Borough Council - Environmental Health Department Gravesham Borough Council Kent County Council - Waste Management Group Medway Council - Environmental Protection Department Thurrock 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 - Anglian Region - Eastern Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Eastern Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Thurrock Borough Council - Development Control Medway Council London Port Health Authority - Environmental Services Dartford Borough Council Kent County Council Gravesham Borough Council	December 2015 February 2016 January 2008 June 2023 May 2023 October 2015	Variable Variable Annual Rolling Update Variable Variable Variable
Planning Hazardous Substance Consents Thurrock Borough Council - Development Control Medway Council London Port Health Authority - Environmental Services Dartford Borough Council Kent County Council Gravesham Borough Council	December 2015 February 2016 January 2008 January 2016 January 2016 October 2015	Variable Variable Annual Rolling Update Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 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	September 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Points of Interest - Commercial Services PointX	September 2024	Quarterly
Points of Interest - Education and Health PointX	September 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2024	Quarterly
Points of Interest - Public Infrastructure PointX	September 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Dartford Borough Council Gravesham Borough Council Medway Council Thurrock Borough Council - Development Control	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Dartford Borough Council Gravesham Borough Council Medway Council Thurrock Borough Council - Development Control	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2024	Bi-Annually
Marine Nature Reserves Natural England	August 2024	Bi-Annually
National Nature Reserves Natural England	August 2024	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Bi-Annually
Ramsar Sites Natural England	August 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	October 2024	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	 Environment Agency
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATIONAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATIONAL ENVIRONMENT RESEARCH COUNCIL</small>
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	Gravesend Borough Council - Environmental Health Department Civic Centre, 132 Windmill Street, Gravesend, Kent, DA12 1AU	Telephone: 01474 337241 Fax: 01474 337546 Email: glyn.thomson@gravesham.gov.uk Website: www.gravesham.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.co.uk
6	Gravesend Borough Council Cygnet House, 132 Windmill Street, Gravesend, Kent, DA12 1AU	Telephone: 01474 564422 Fax: 01474 337546 Website: www.gravesham.gov.uk
7	Kent County Council - Waste Management Group Block H, The Forstal, Beddow Way, Aylesford, Kent, ME20 7BT	Telephone: 01622 605976 Website: www.kent.gov.uk
8	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
9	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
10	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, EX2 7HY	Website: www.pointx.co.uk
11	Gravesend Borough Council Cygnet House, 132 Windmill Street, Gravesend, Kent, DA12 1BQ	Telephone: 01474 564422 Fax: 01474 337546 Website: www.gravesham.gov.uk
12	Thurrock Borough Council - Development Control Civic Offices, New Road, Grays, Essex, RM17 6SL	Telephone: 01375 390000 Fax: 01375 652359 Website: www.thurrock.gov.uk
13	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand And Peat	Not Supplied - Holocene
	TRD	Tidal River Or Creek Deposits	Clay and Silt	Not Supplied - Holocene
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HWH	Harwich Formation	Sand and Gravel	Not Supplied - Ypresian
	TAB	Thanet Formation	Sand	Not Supplied - Thanetian
	LMBE	Lambeth Group	Sand, Silt and Clay	Not Supplied - Thanetian
	LSNCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven Chalk Formation (Indifferentiated)	Chalk	Not Supplied - Turonian



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Geology 1:50,000 Maps

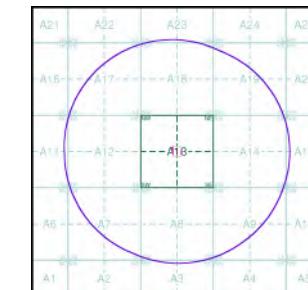
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	271
Map Name:	Dartford
Map Date:	1998
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



N

Order Details:

Order Number: 363793261_1_1
Customer Reference: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

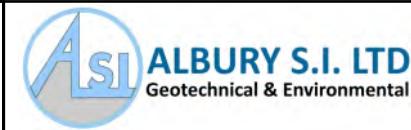
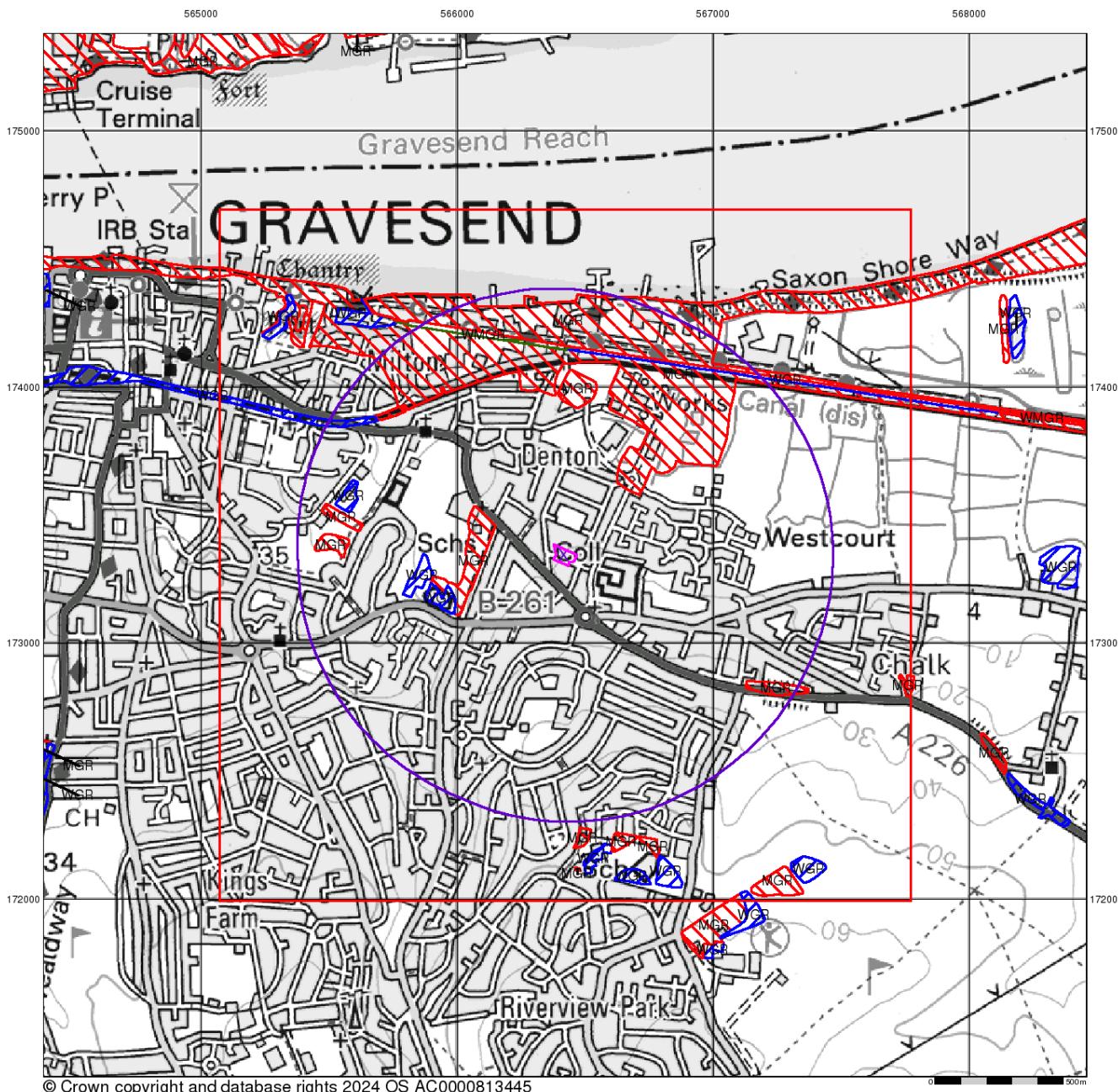
Site Details:

Site Details:



v15.0 19-Nov-2022

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Web: www.envirocheck.co.uk



Artificial Ground and Landslip

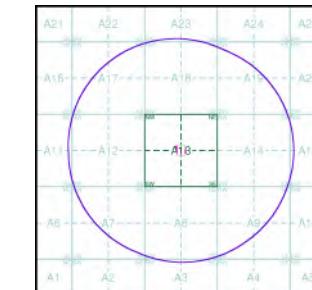
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslide) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A

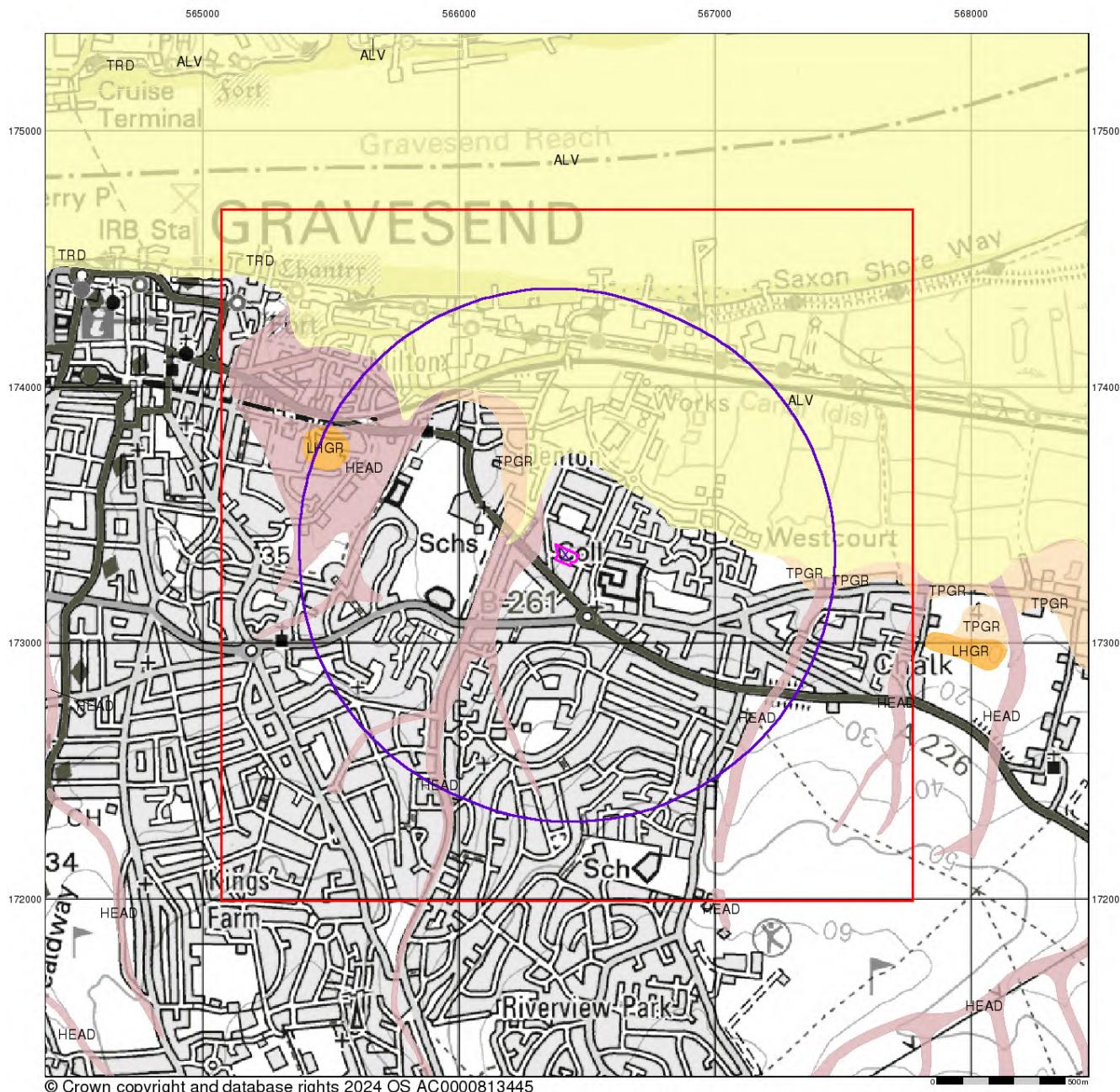


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Site Details:

Rose Avenue, GRAVESEND, DA12 2LN



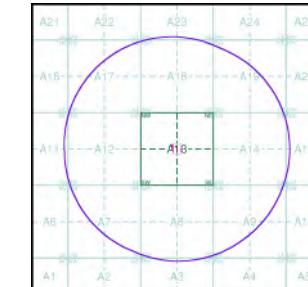
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

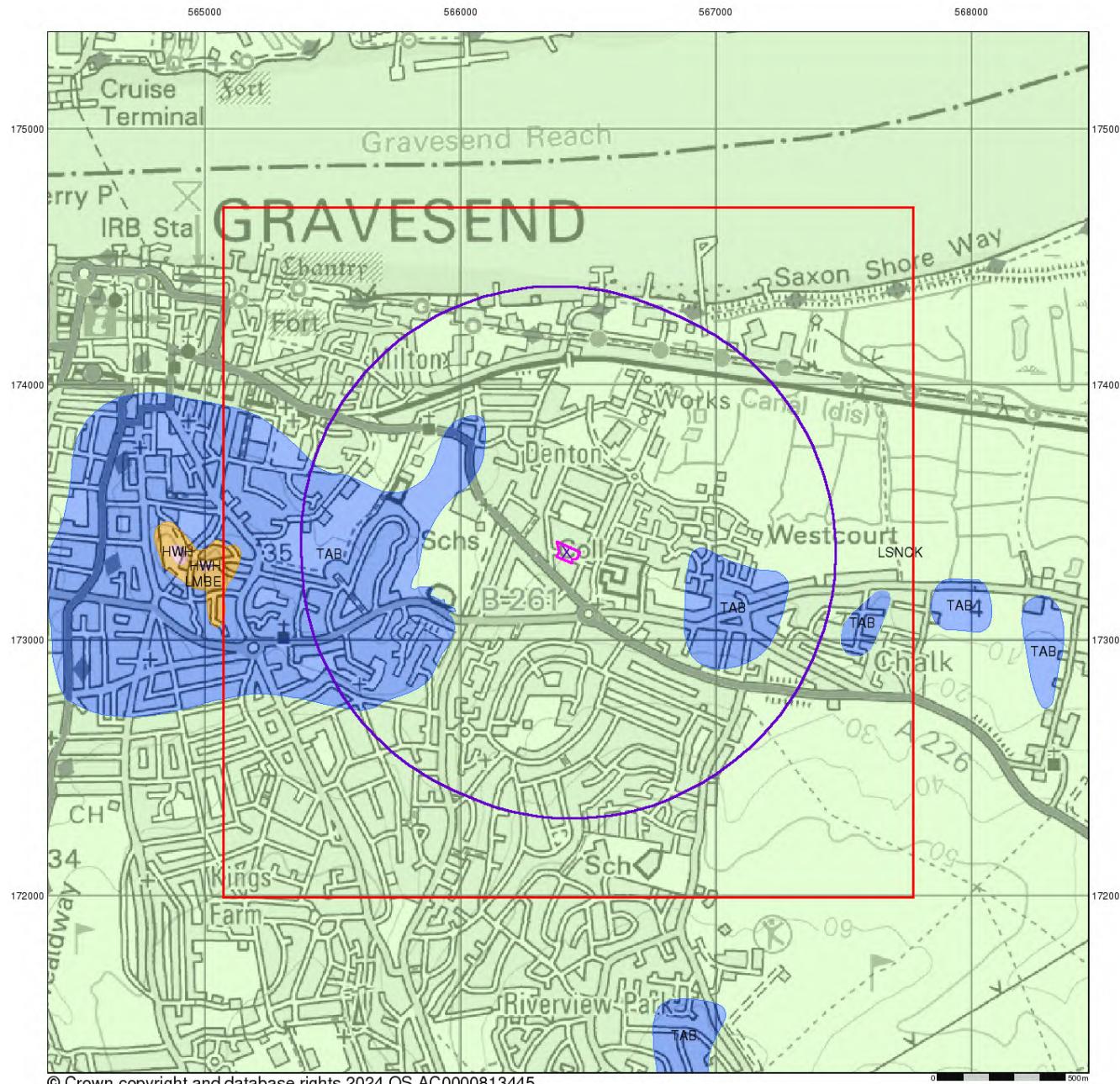


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 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

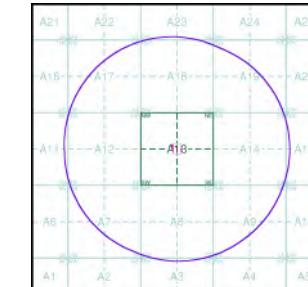
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

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

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

Bedrock and Faults Map - Slice A



Order Details:

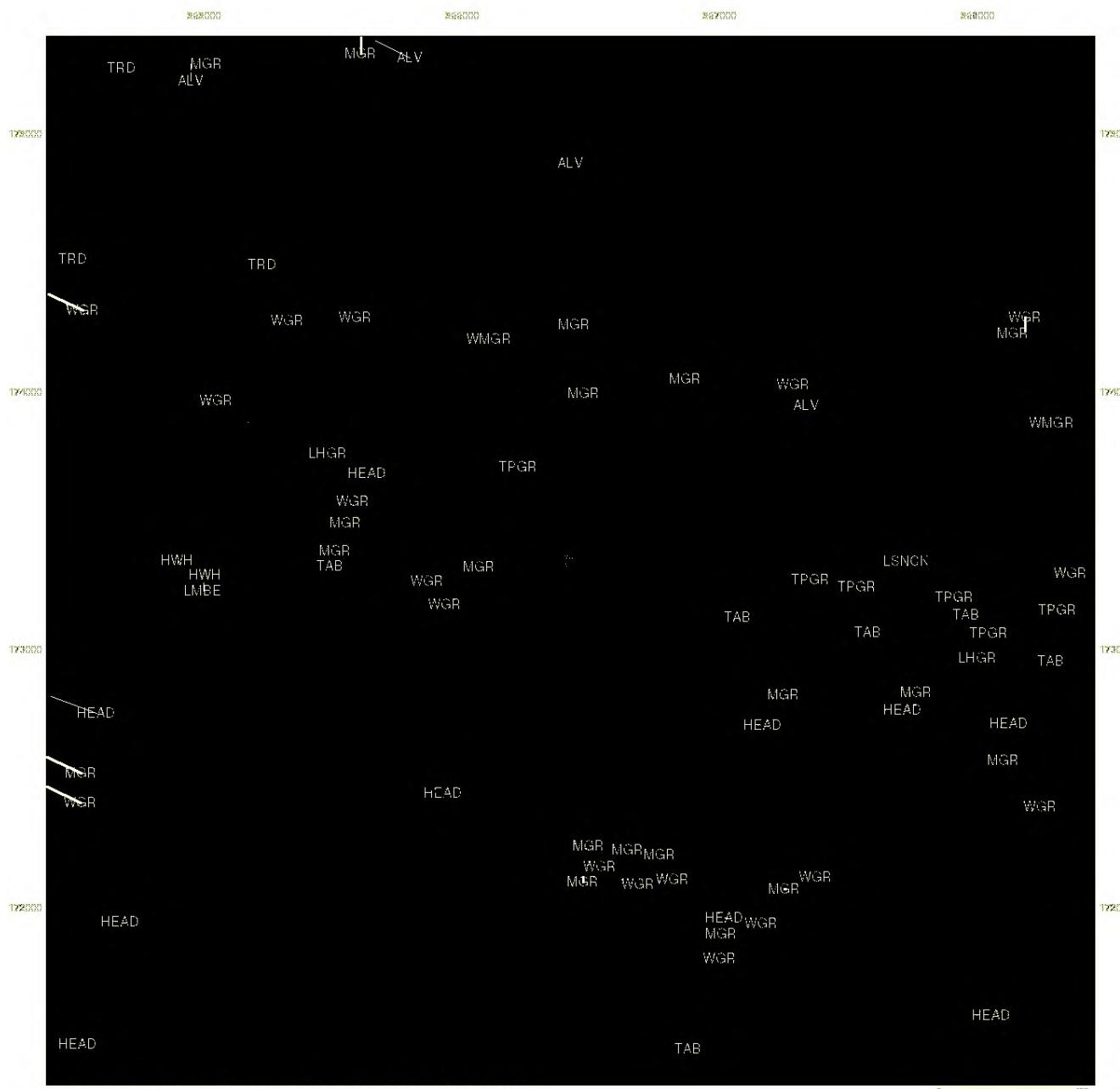
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Customer Reference: 24/13027/GO
National Grid Reference: 566410, 173349
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

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Site Details:

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Combined Surface Geology

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

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

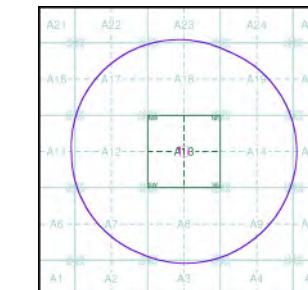
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details

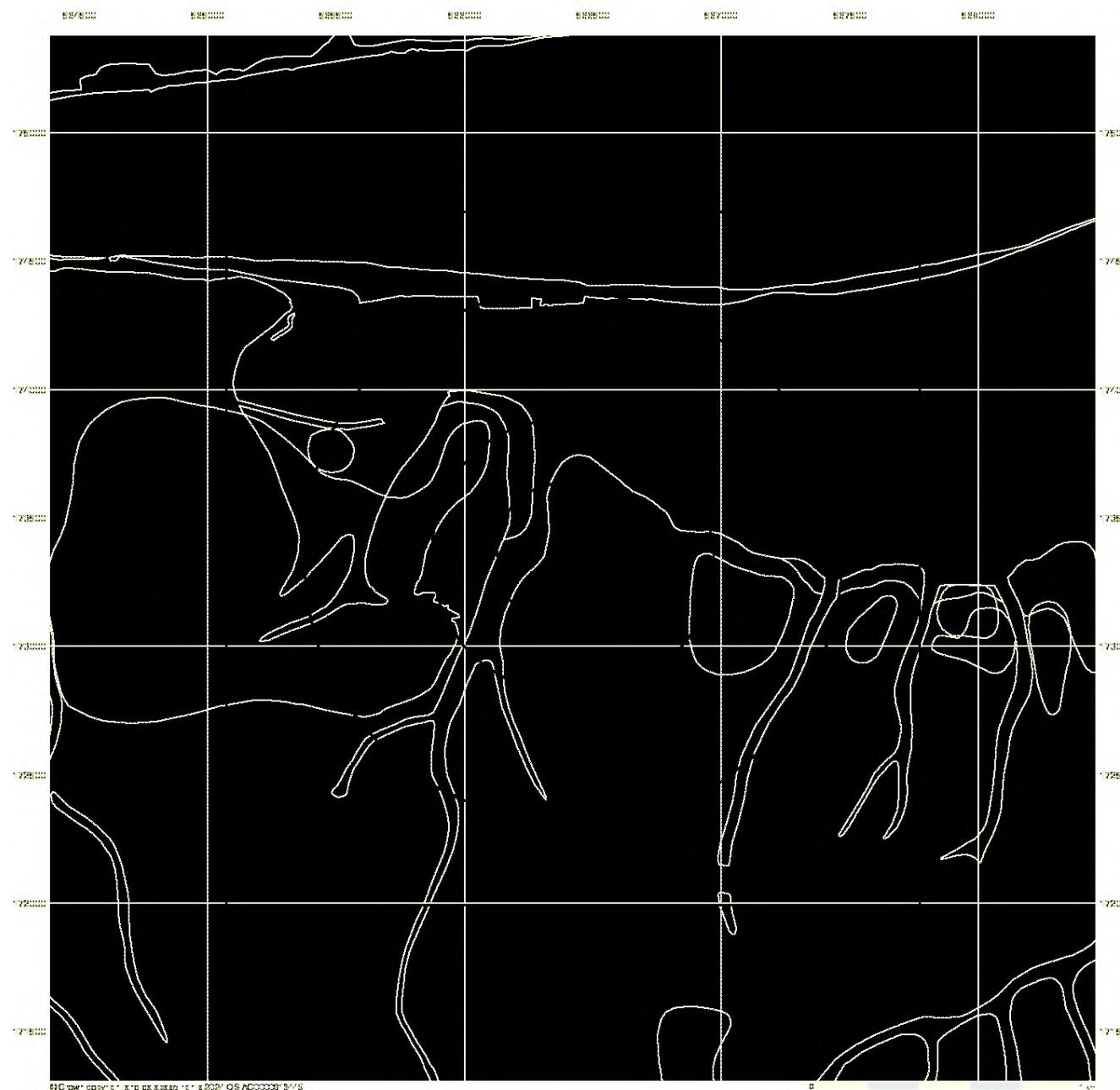
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National Grid Reference: 566410, 173349
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

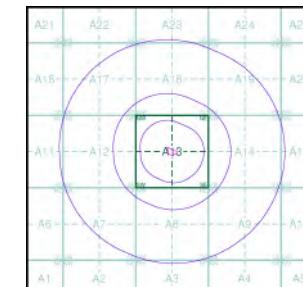
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

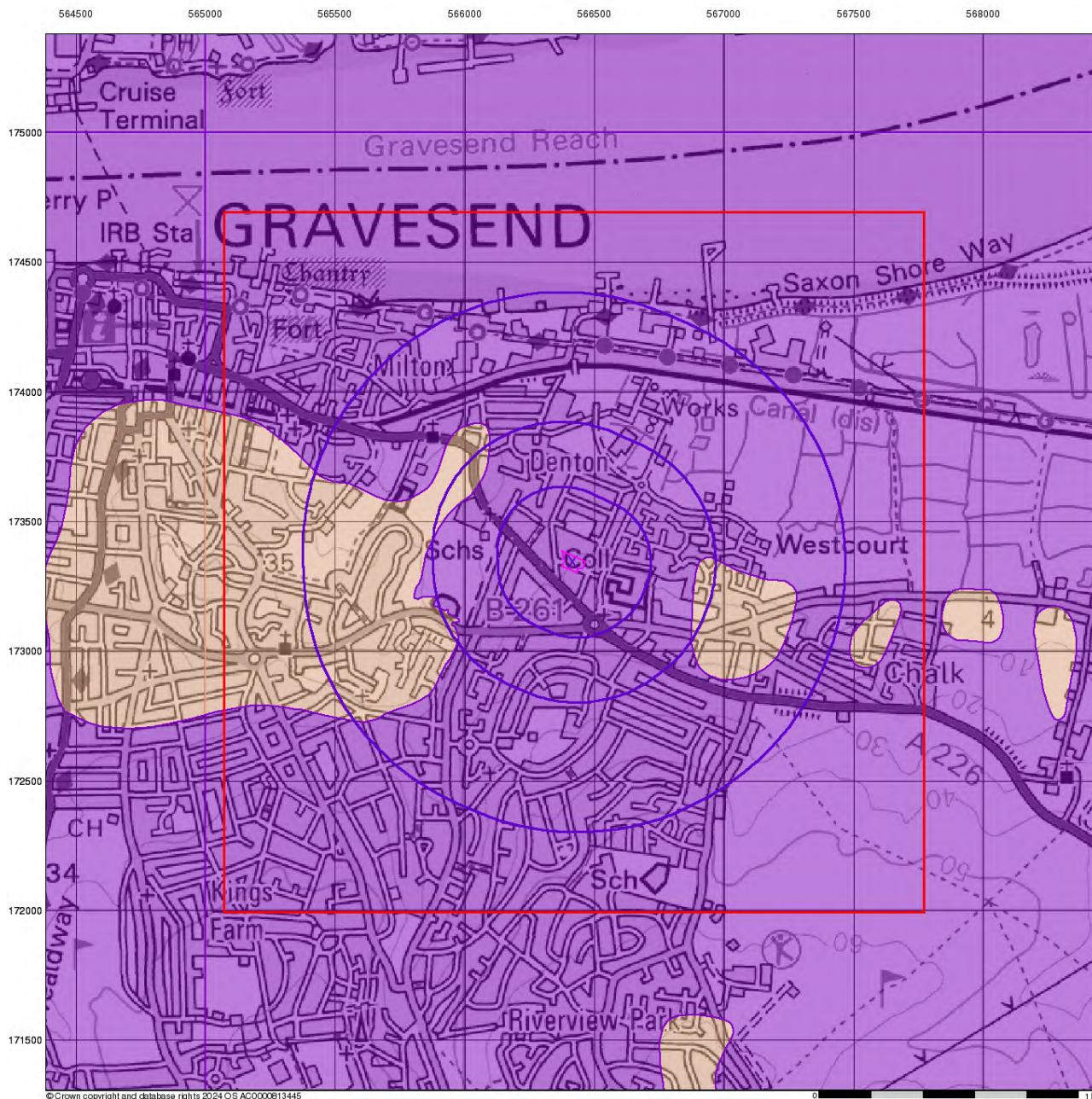
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 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

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Bedrock Aquifer Designation

General

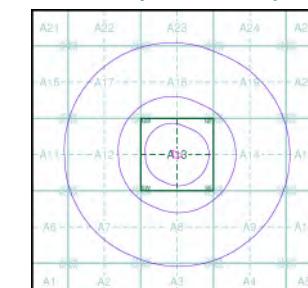
◊ Specified Site ◊ Specified Buffer(s) X Bearing Reference Point
◊ Slice □ Map ID

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

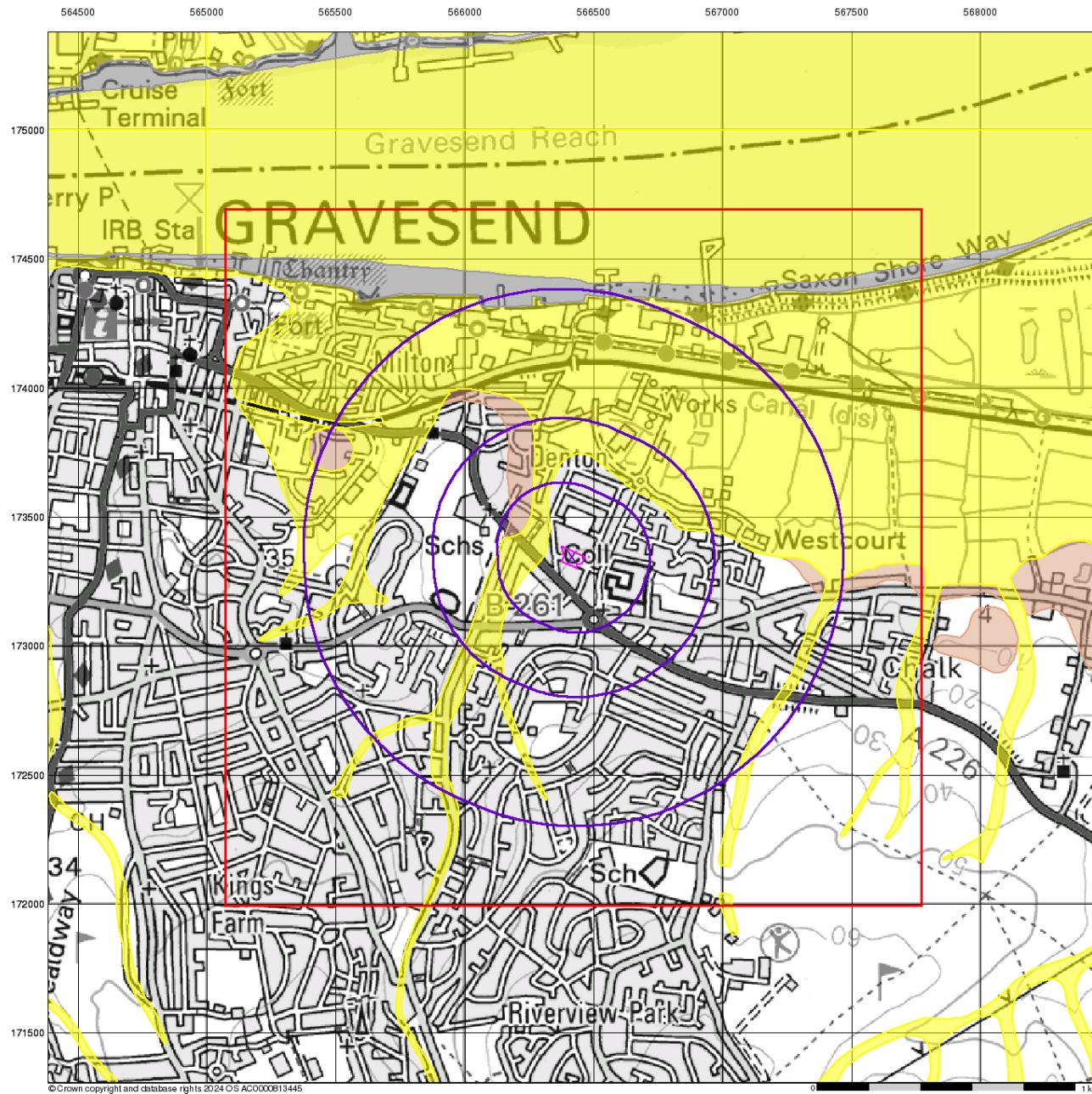
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 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
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 Site Area (Ha): 0.4
 Search Buffer (m): 1000

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Superficial Aquifer Designation

General

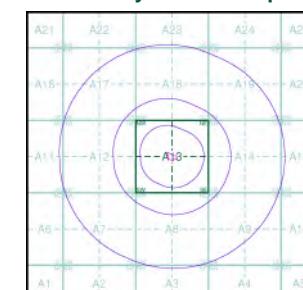
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

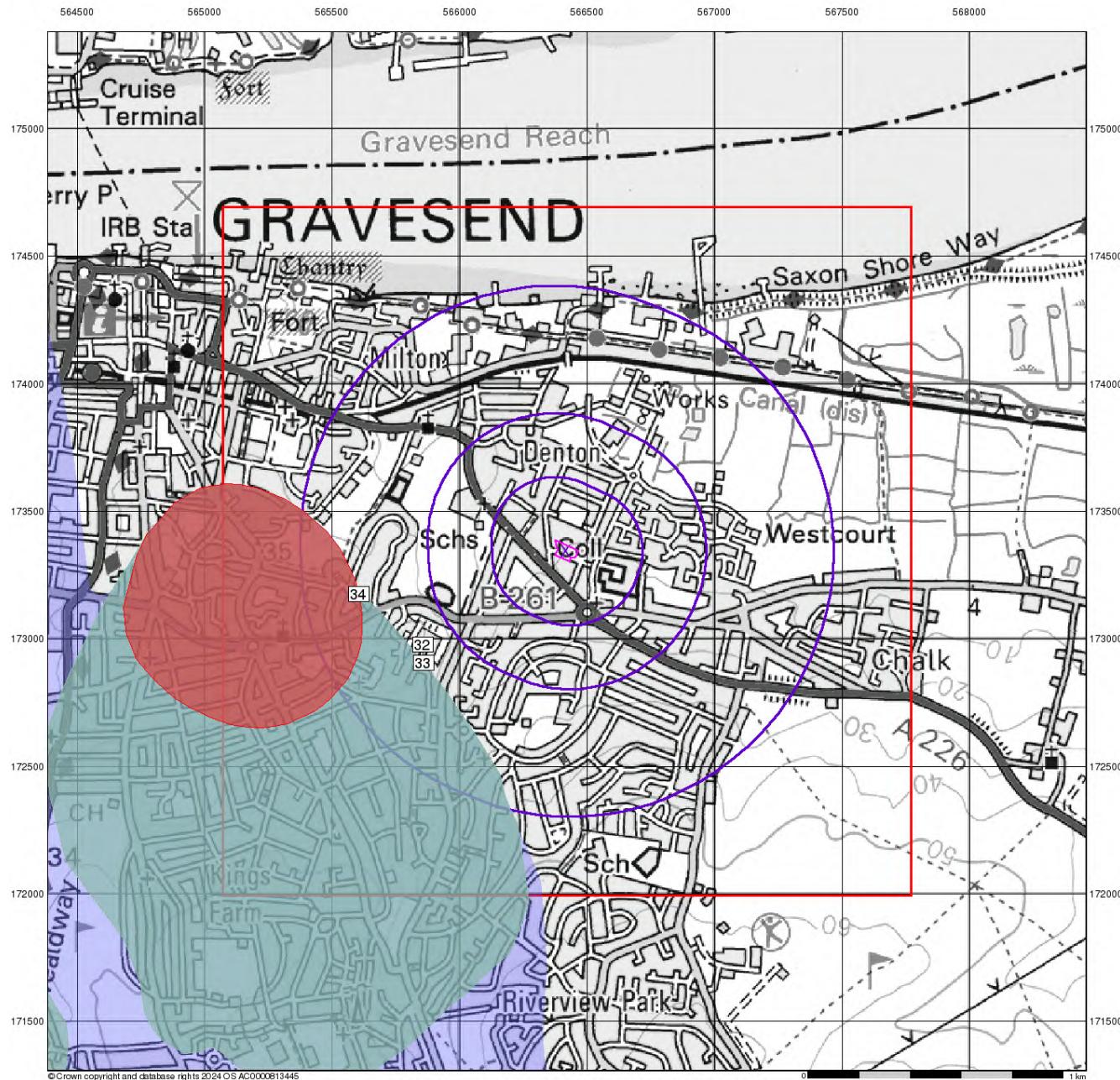
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Site Details

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Source Protection Zones

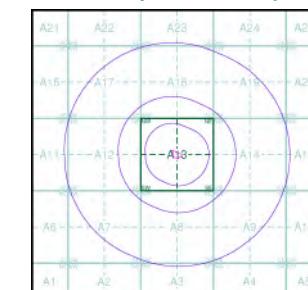
General

 Specified Site Specified Buffer(s) Bearing Reference Point

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

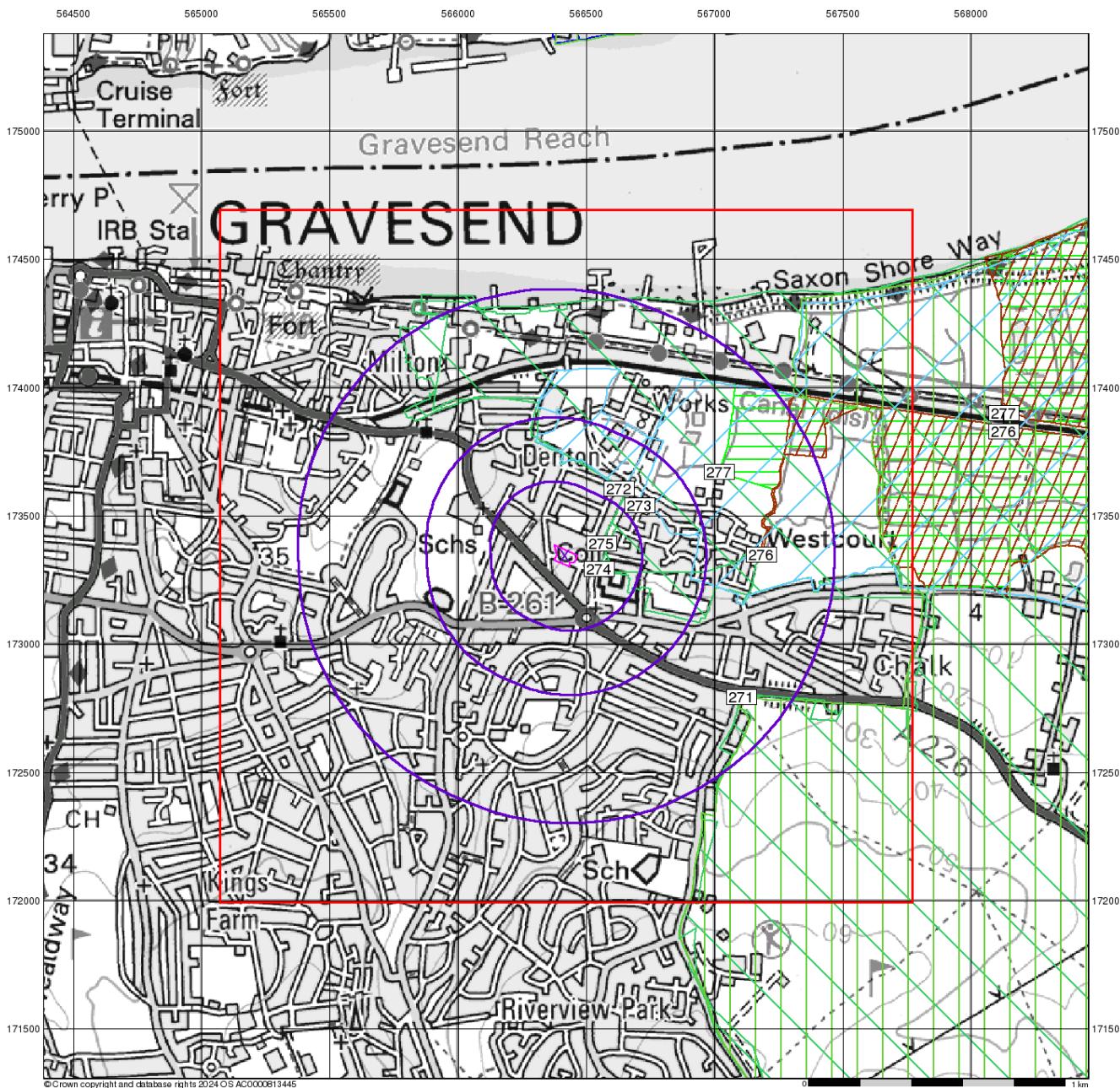
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Site Details

Landmark
INFORMATION GROUP

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Sensitive Land Uses

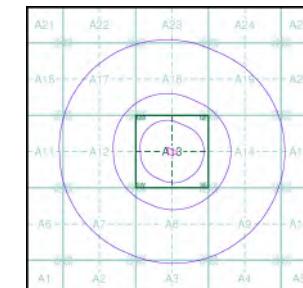
General

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

Sensitive Land Uses

■ Ancient Woodland	□ 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

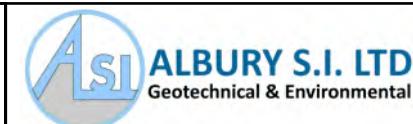
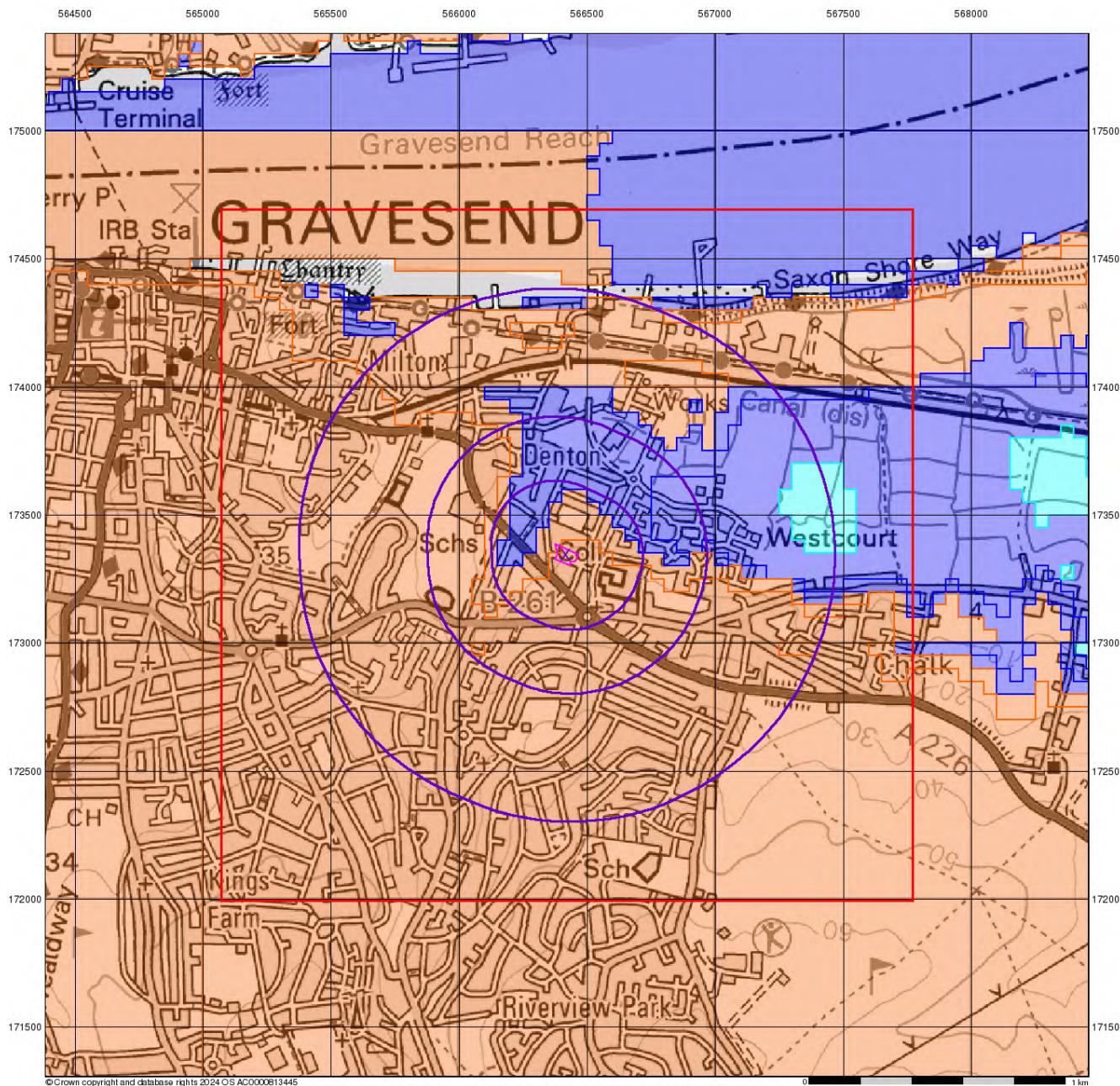


Order Details

Order Number: 363793261_1_1
 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



BGS Flood GFS Data

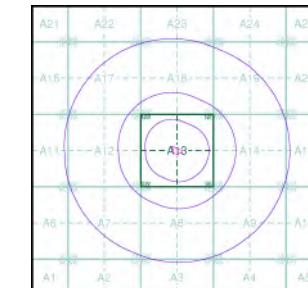
General

- 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

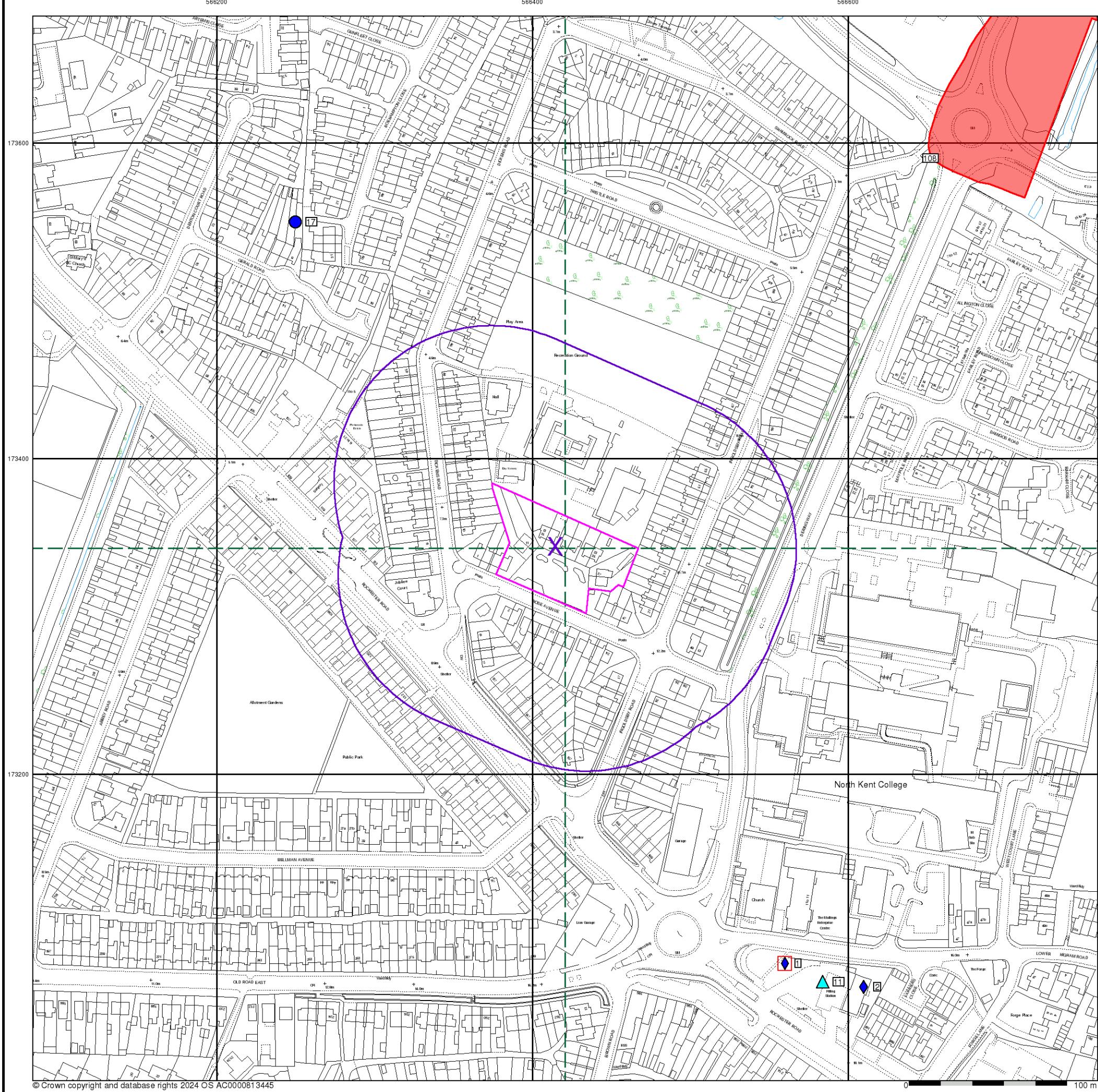


Order Details

Order Number: 363793261_1_1
 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



General

- Specified Site
- Specified Buffer(s)
- Several of Type at Location
- Pylon

- Bearing Reference Point
- Map ID
- Overhead Transmission Line

Agency and Hydrological

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

▼ BGS Recorded Landfill Site (Location)

■ BGS Recorded Landfill Site

● EA Historic Landfill (Buffered Point)

■ EA Historic Landfill (Polygon)

▲ Integrated Pollution Control Registered Waste Site

■ Licensed Waste Management Facility (Landfill Boundary)

● Licensed Waste Management Facility (Location)

■ Local Authority Recorded Landfill Site (Location)

■ Local Authority Recorded Landfill Site

● Potentially Infilled Land (Non-water)

■ Potentially Infilled Land (Non-water)

■ Potentially Infilled Land (Non-water)

■ Potentially Infilled Land (Water)

■ Registered Landfill Site

● Registered Landfill Site (Location)

■ Registered Landfill Site (Point Buffered to 100m)

■ Registered Landfill Site (Point Buffered to 250m)

● Registered Waste Transfer Site (Location)

■ Registered Waste Transfer Site

● Registered Waste Treatment or Disposal Site (Location)

■ Registered Waste Treatment or Disposal Site

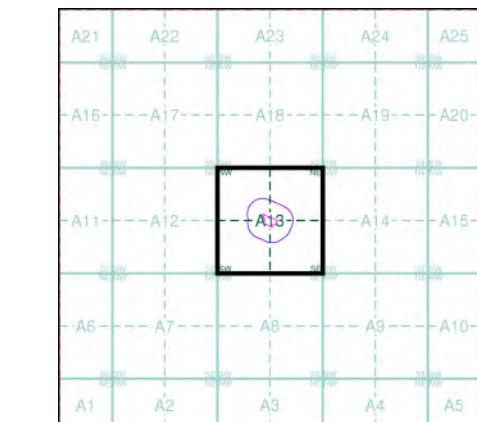
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

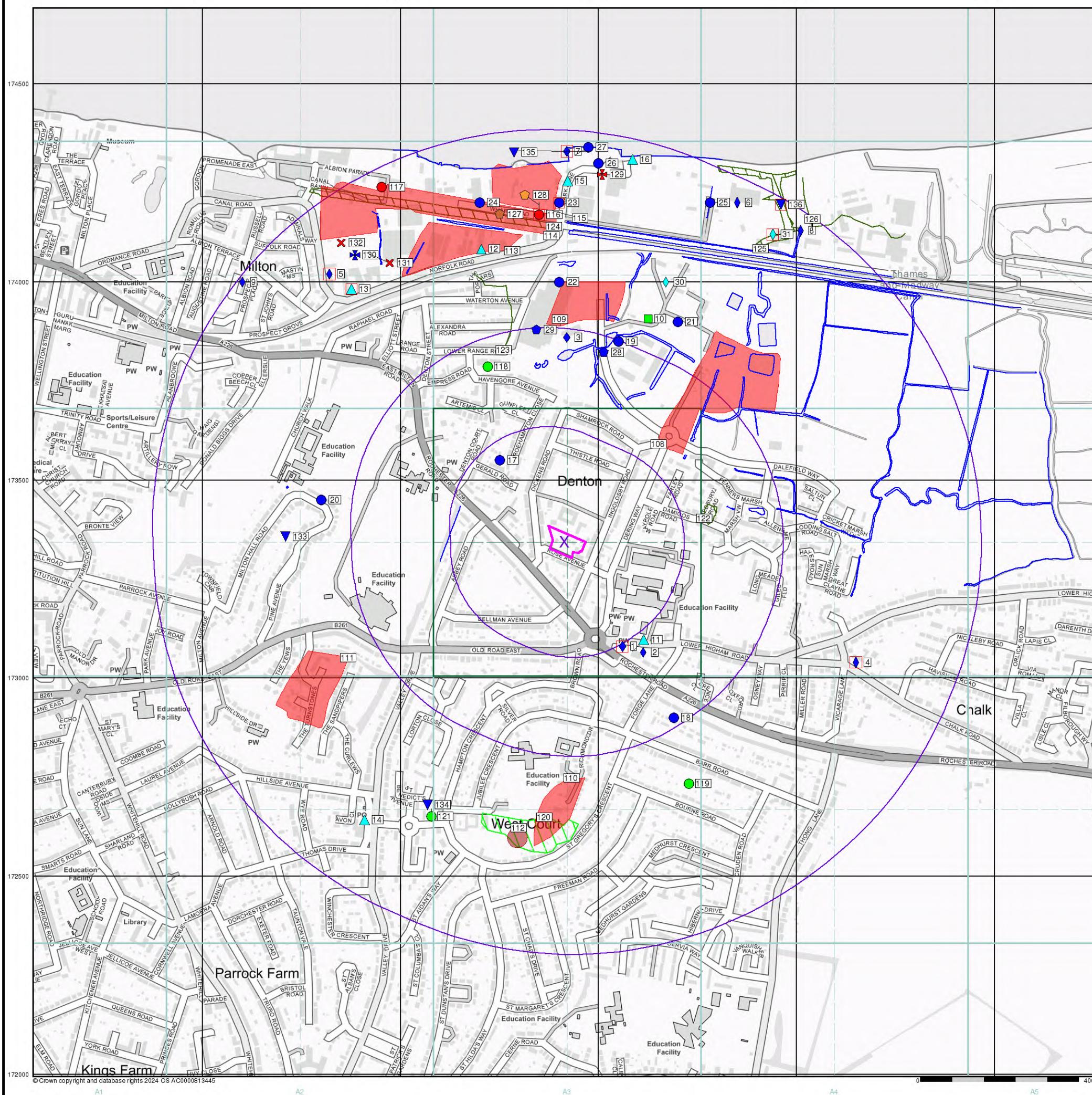


Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Plot Buffer (m): 100

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



General
Specified Site (pink square), Specified Buffer(s) (purple outline), Several of Type at Location (red square), Bearing Reference Point (purple X), Map ID (grey square).

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location) (cyan circle)
- Contaminated Land Register Entry or Notice (Location) (cyan square)
- Discharge Consent (blue diamond)
- Enforcement or Prohibition Notice (blue triangle)
- Integrated Pollution Control (green triangle)
- Integrated Pollution Prevention Control (Local Authority) (green square)
- Local Authority Integrated Pollution Prevention and Control (cyan square)
- Local Authority Pollution Prevention and Control (cyan triangle)
- Local Authority Pollution Prevention and Control Enforcement (cyan diamond)
- Pollution Incident to Controlled Waters (blue circle)
- River Network or Water Feature (blue line)
- Substantiated Pollution Incident Register (blue square)
- Water Abstraction (cyan diamond)
- Water Industry Act Referral (red diamond)

Waste

- BGS Recorded Landfill Site (Location) (red triangle)
- BGS Recorded Landfill Site (Location) (red square)
- EA Historic Landfill (Buffered Point) (red circle)
- EA Historic Landfill (Polygon) (red polygon)
- Integrated Pollution Control Registered (orange triangle)
- Licensed Waste Management Facility (Landfill Boundary) (orange square)
- Licensed Waste Management Facility (Location) (red square)
- Local Authority Recorded Landfill Site (Location) (red square)
- Local Authority Recorded Landfill Site (Location) (red polygon)
- Potentially Infilled Land (Non-water) (green circle)
- Potentially Infilled Land (Non-water) (green square)
- Potentially Infilled Land (Non-water) (green triangle)
- Historical Prosecutions (green triangle)
- Prosecutions (green diamond)
- Potentially Infilled Land (Non-water) (green square)
- Potentially Infilled Land (Water) (green line)
- Potentially Infilled Land (Water) (green square)
- Potentially Infilled Land (Water) (green polygon)
- Registered Landfill Site (red square)
- Registered Landfill Site (Location) (red triangle)
- Registered Landfill Site (Point Buffered to 100m) (orange square)
- Registered Landfill Site (Point Buffered to 250m) (orange square)
- Registered Waste Transfer Site (Location) (orange circle)
- Registered Waste Transfer Site (Location) (orange square)
- Registered Waste Treatment or Disposal Site (Location) (orange diamond)
- Registered Waste Treatment or Disposal Site (Location) (orange square)

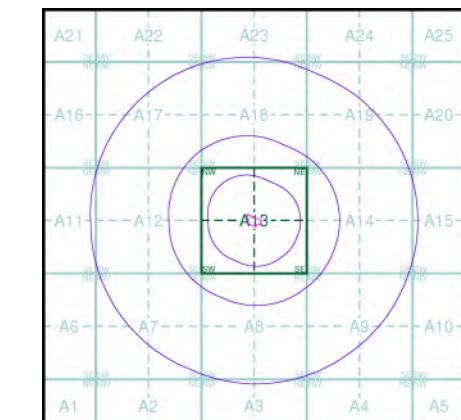
Hazardous Substances

- COMAH Site (green square)
- Explosive Site (red cross)
- NIHHS Site (blue square with cross)
- Planning Hazardous Substance Consent (red cross)
- Planning Hazardous Substance Enforcement (blue cross)

Geological

- BGS Recorded Mineral Site (blue triangle)

Site Sensitivity Map - Slice A



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



Industrial Land Use Map

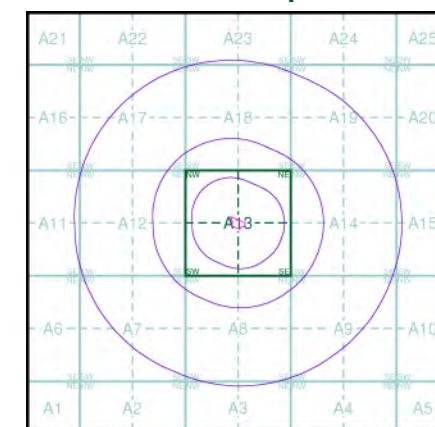
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

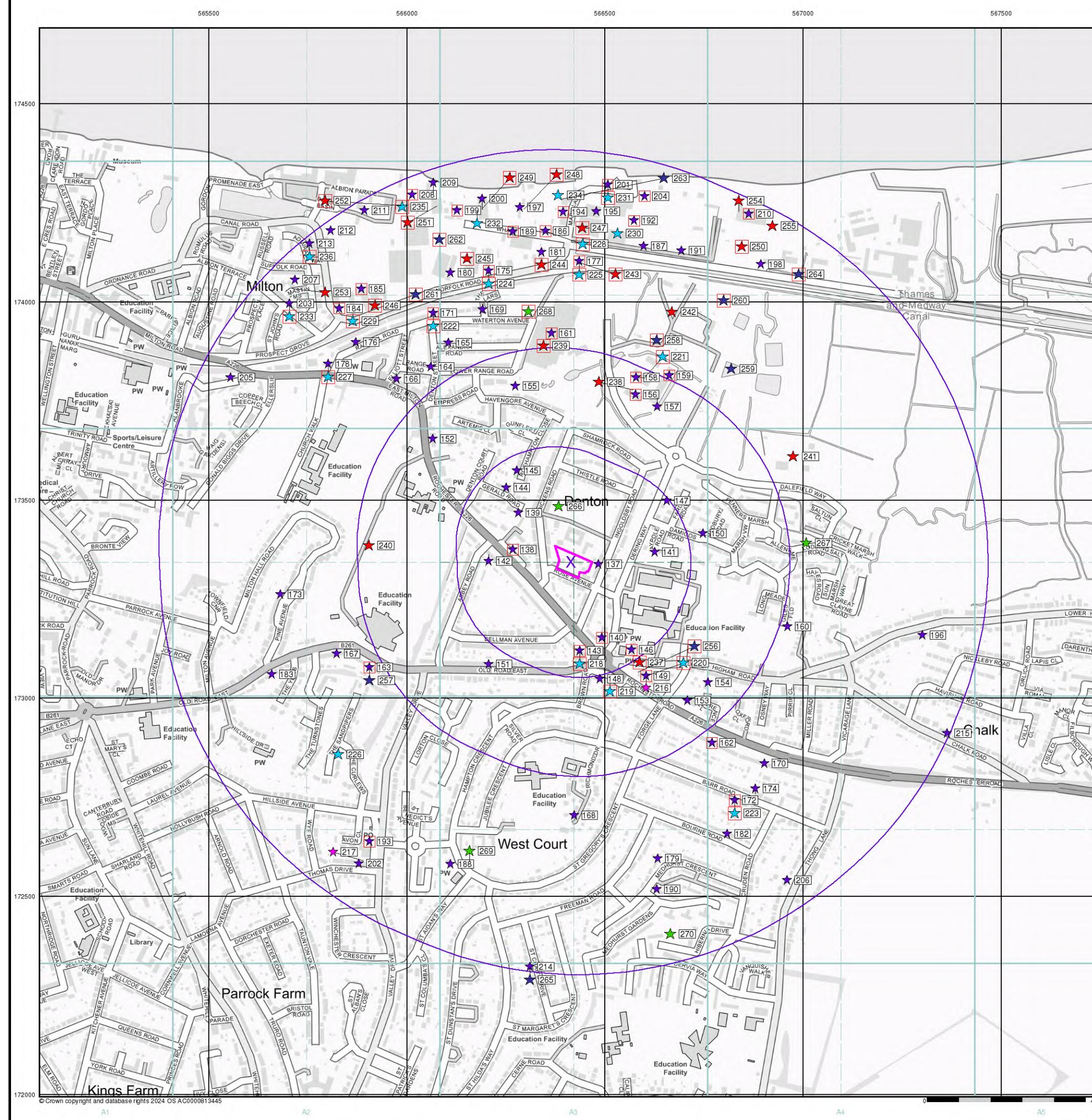


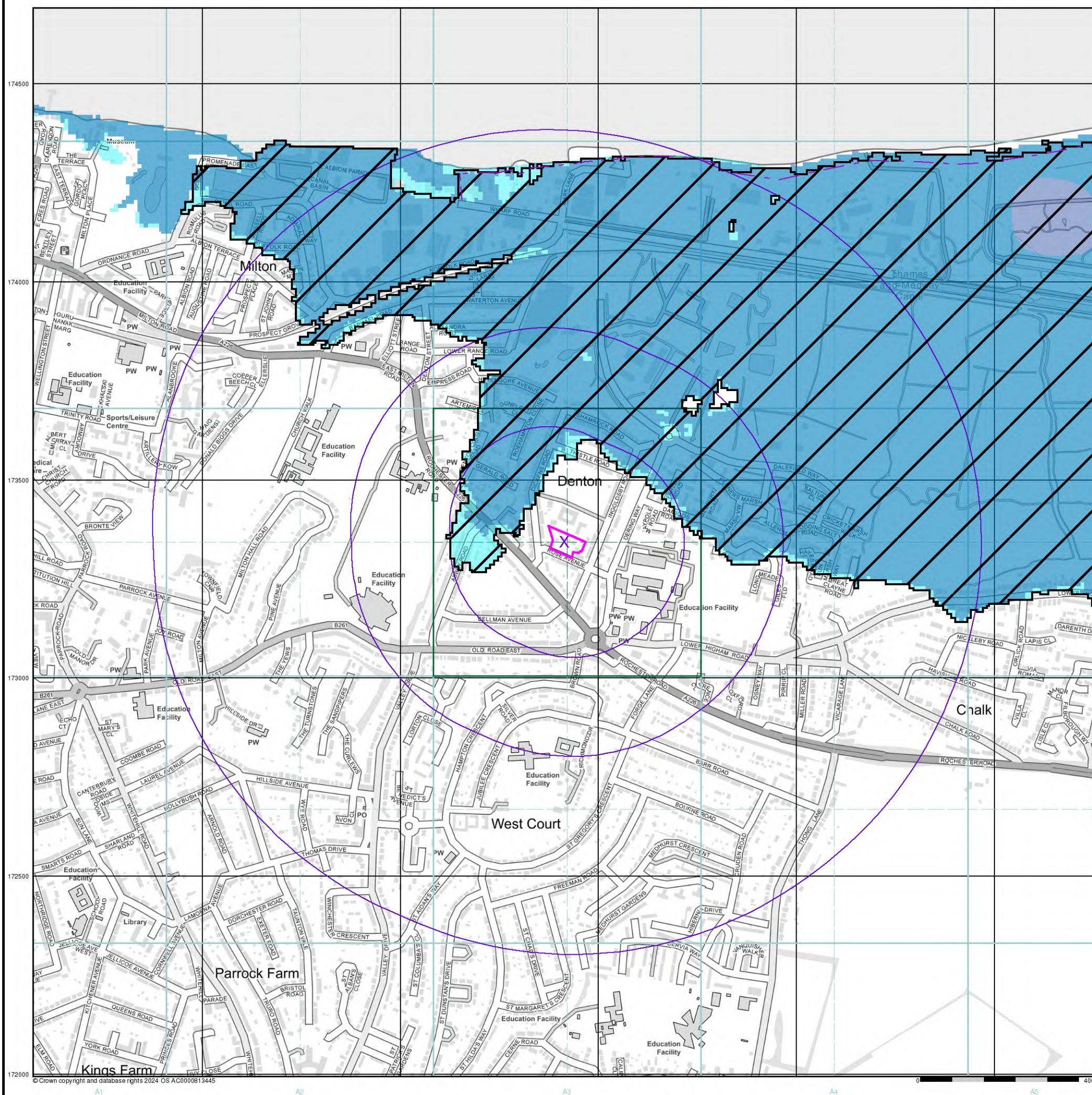
Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN





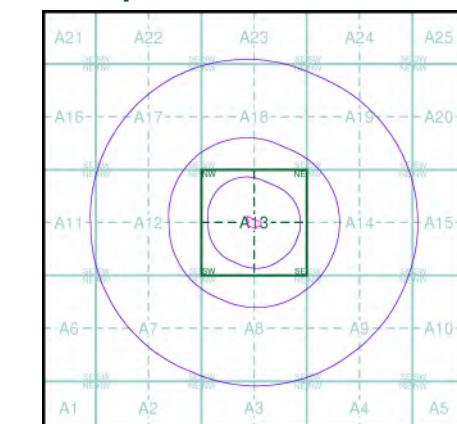
General

- Specified Site
- Specified Buffer(s)
- X 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

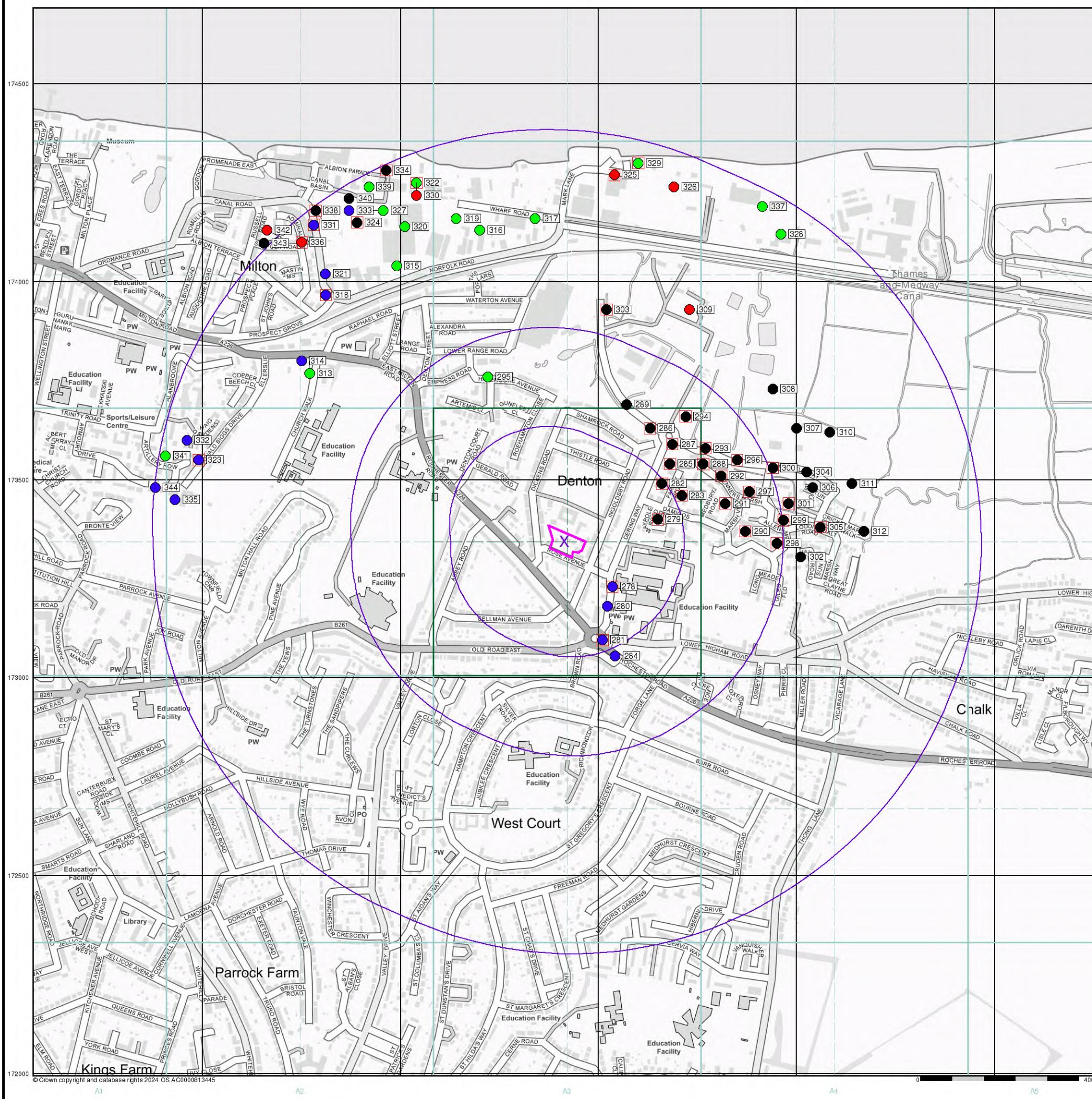


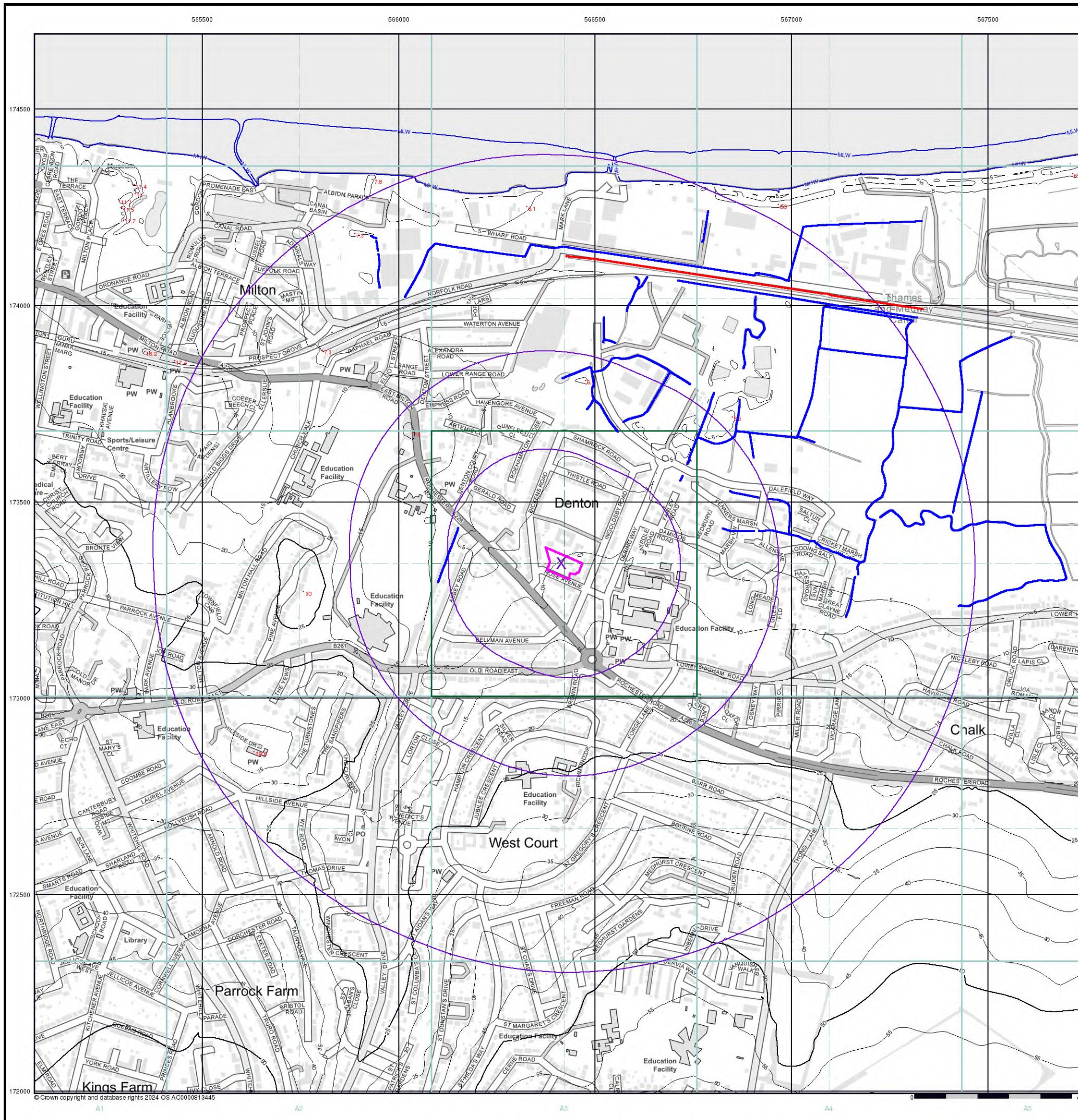
Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN





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General

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

OS Water Network Data

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

Contours (height in meters)

Standard Contour 105

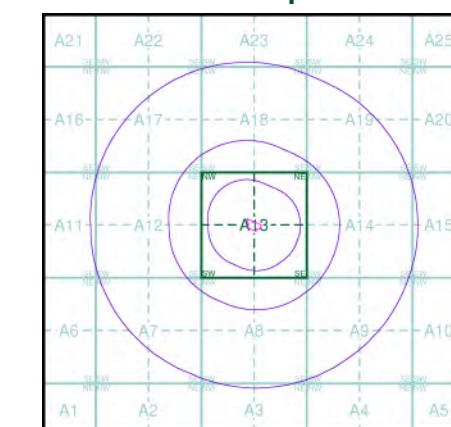
Master Contour 100 95

Spot Height 167.3

MLW — Mean Low Water

MHW — Mean High Water

OS Water Network Map - Slice A

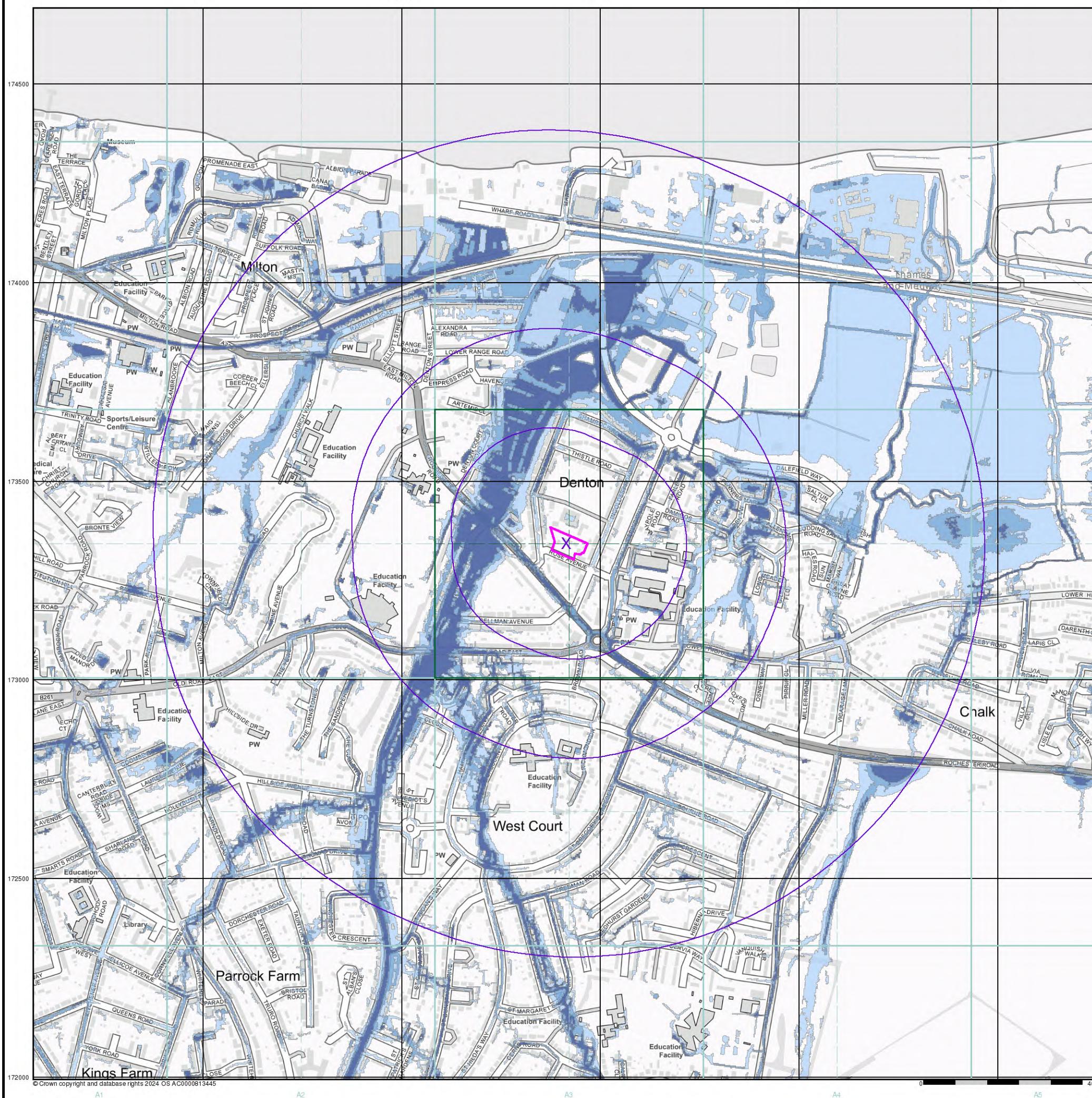


Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Site Details



General

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

Risk of Flooding from Surface Water

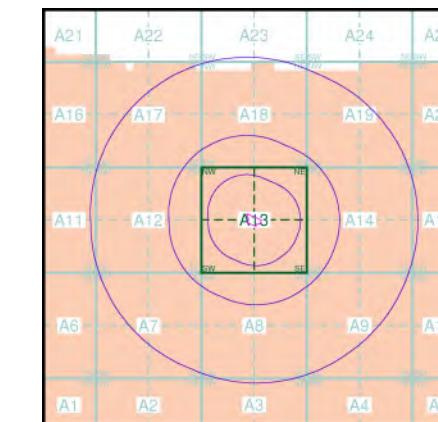
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



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WFD Surface Waters Map

General

- Specified Site (pink outline)
- Specified Buffer(s) (purple outline)
- Bearing Reference Point (purple X)
- Slice (red box)
- Map ID (purple box)

Water Framework Directive - Surface Water Quality

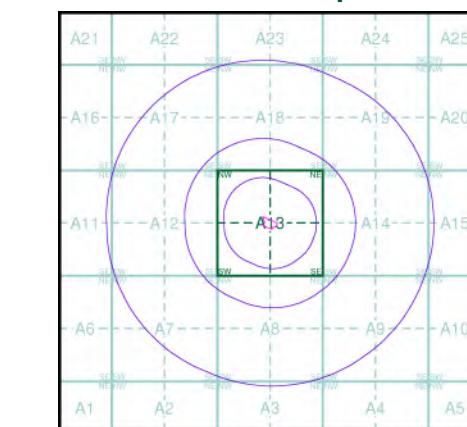
- High (dark green)
- Good (light green)
- Moderate (orange)
- Poor (red)
- Bad (dark red)

Contours (height in meters)

- Standard Contour (black lines)
- Mean Low Water (MLW) (blue line)
- Mean High Water (MHW) (blue line)
- Master Contour (black lines)
- Spot Height (red text)

167.3

WFD Surface Waters Map - Slice A



Order Details

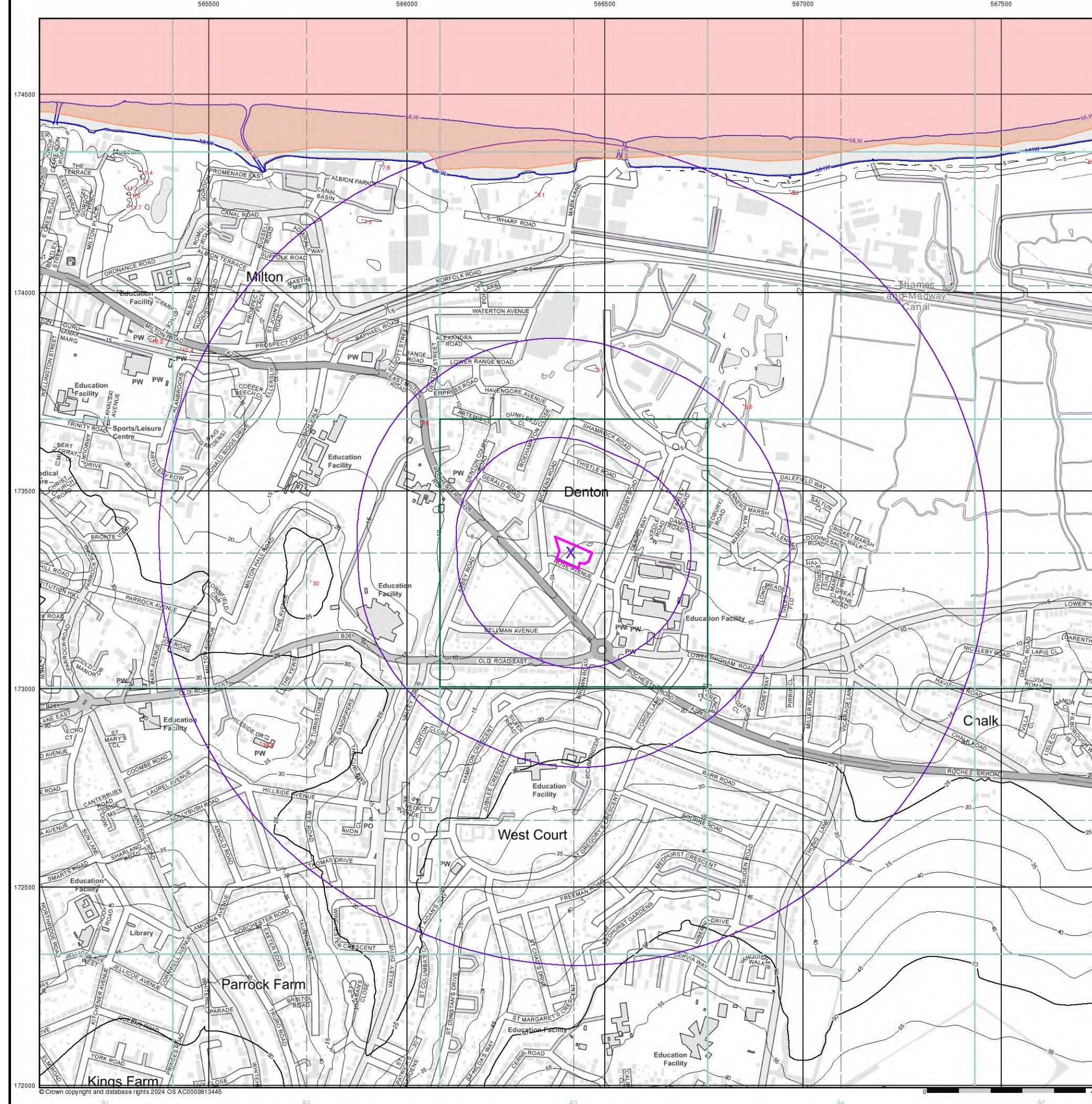
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN

Landmark
INFORMATION GROUP

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





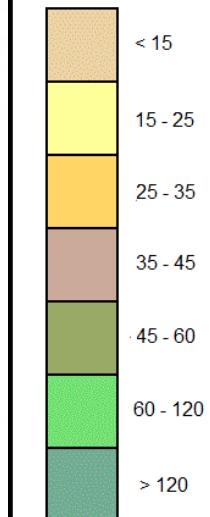
ALBURY S.I. LTD
Geotechnical & Environmental

General

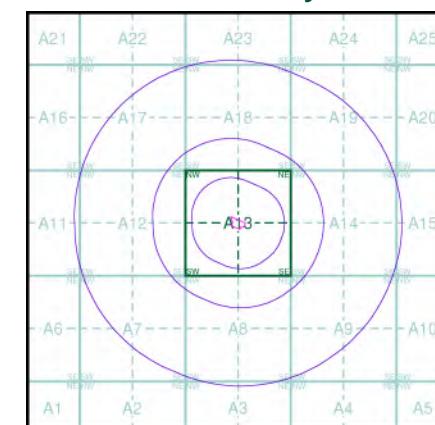
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

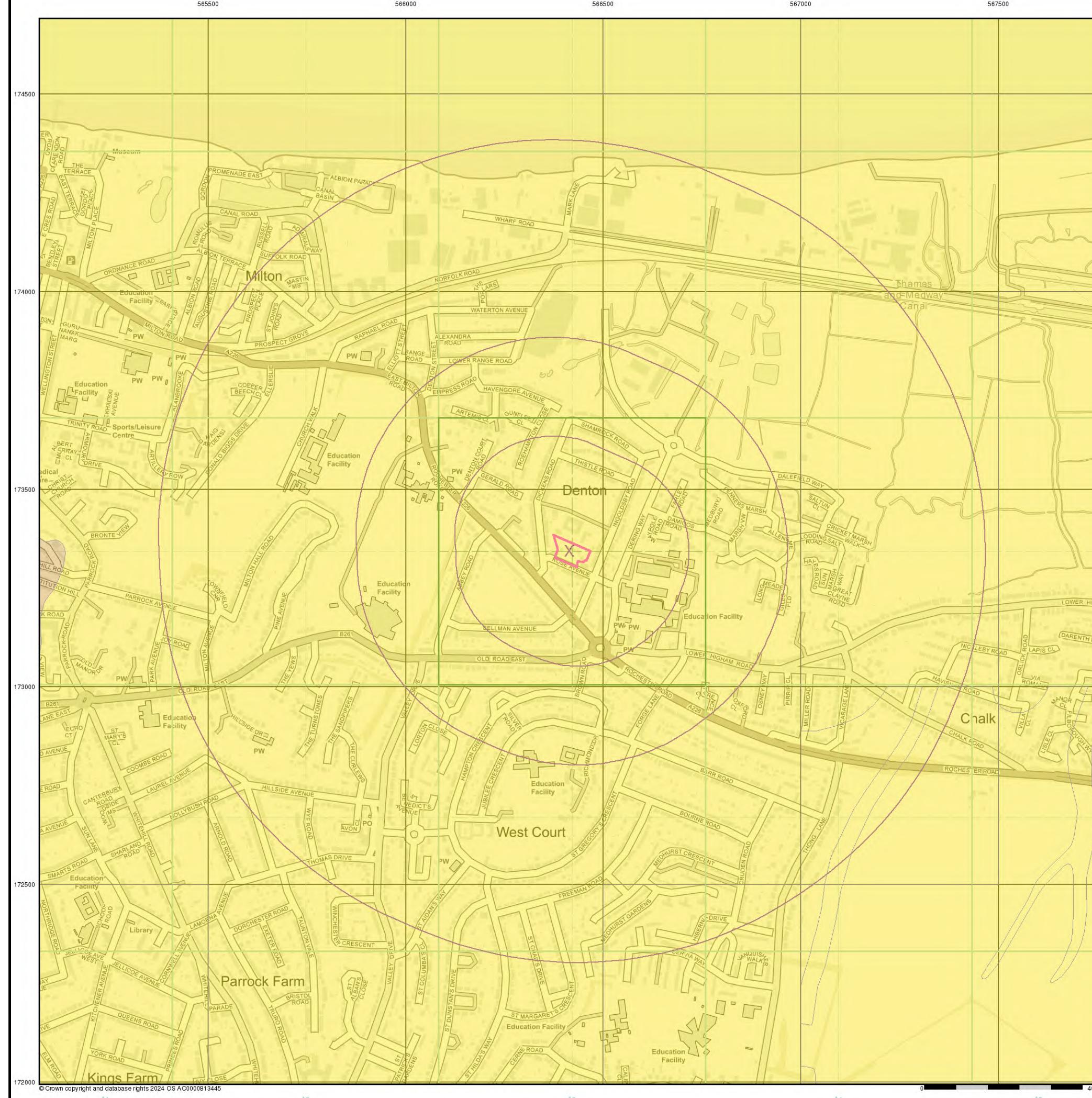
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN

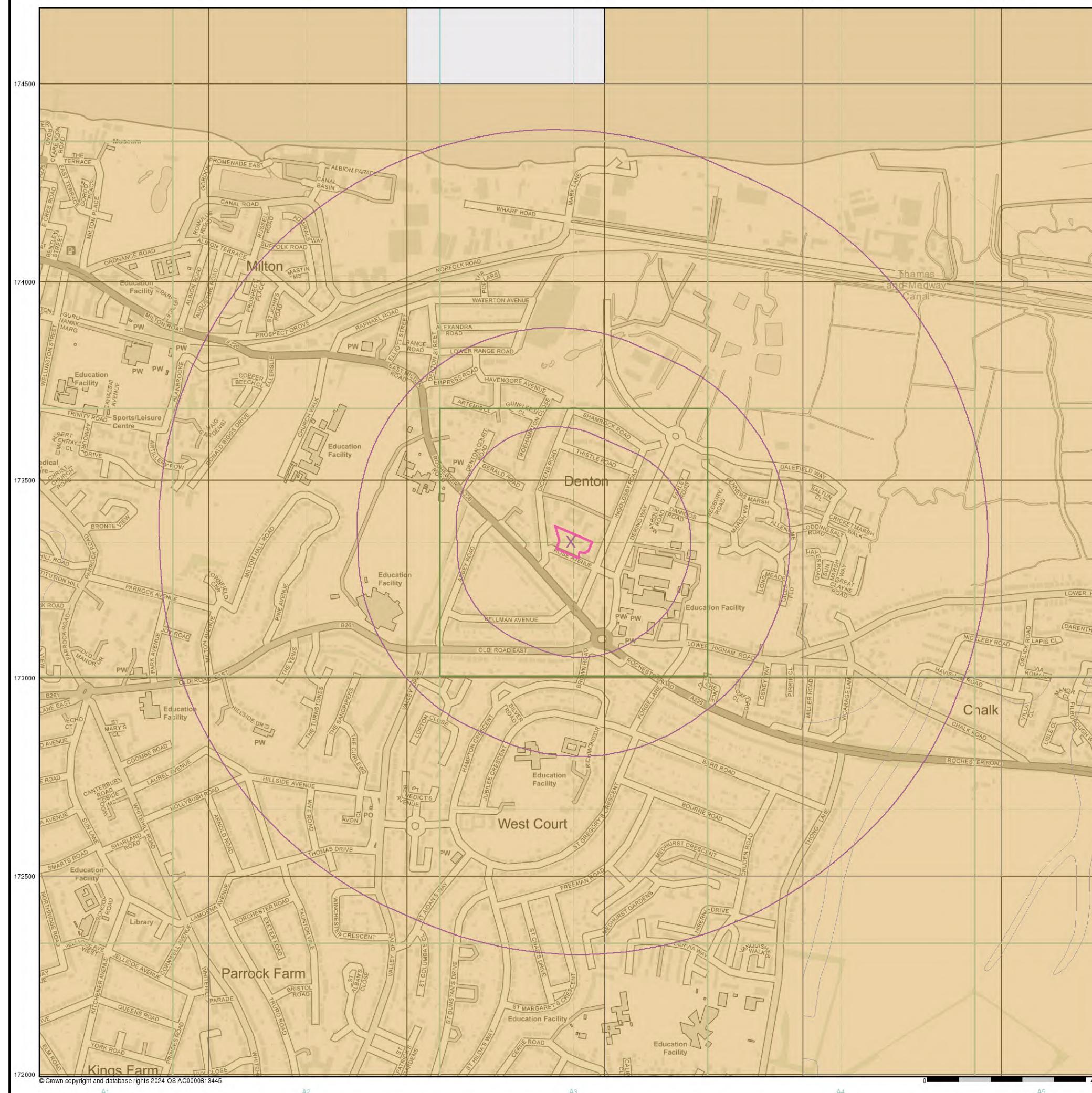
Landmark
INFORMATION GROUP

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





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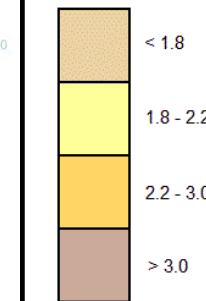


General

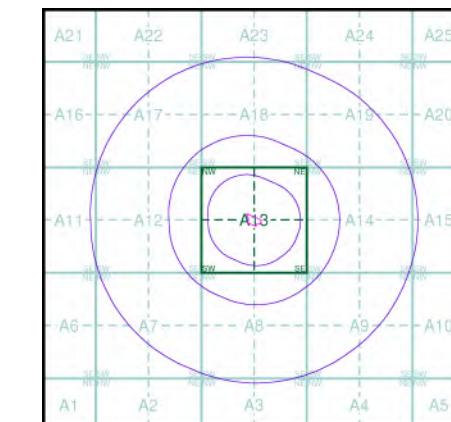
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

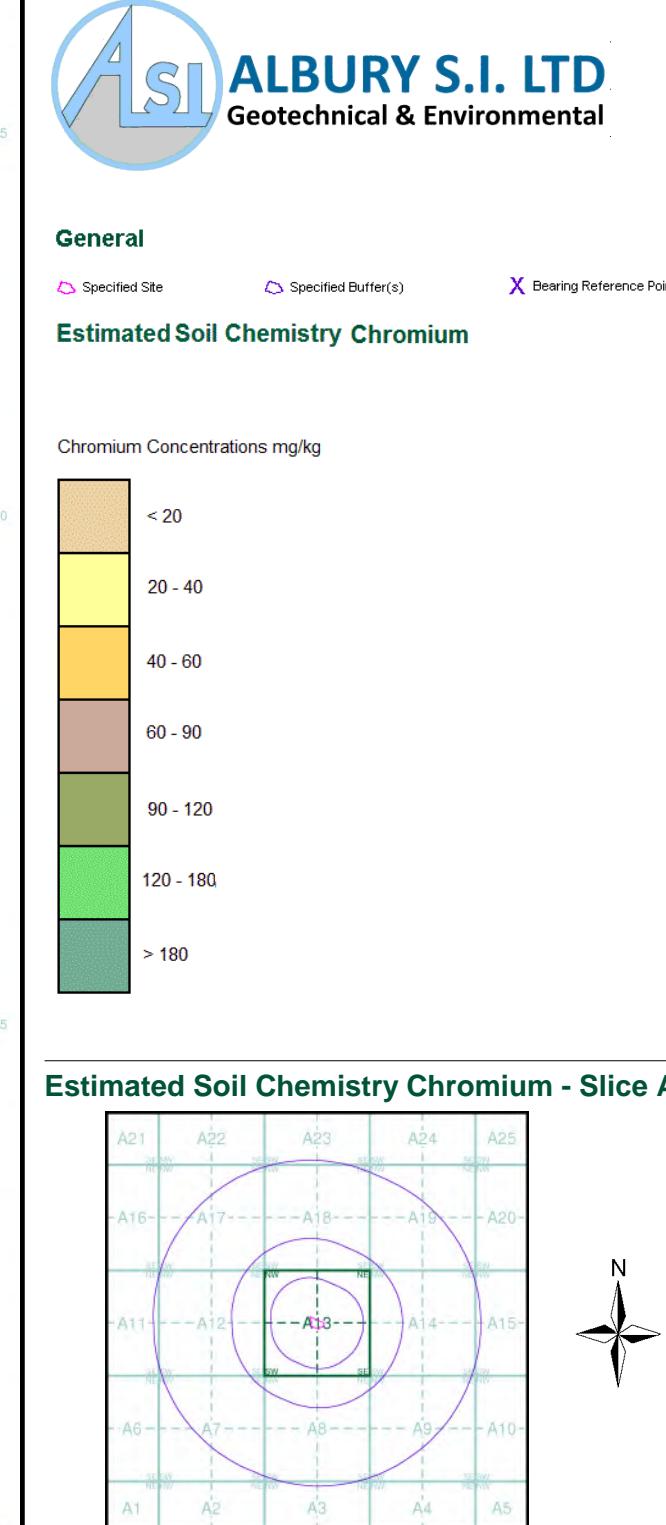
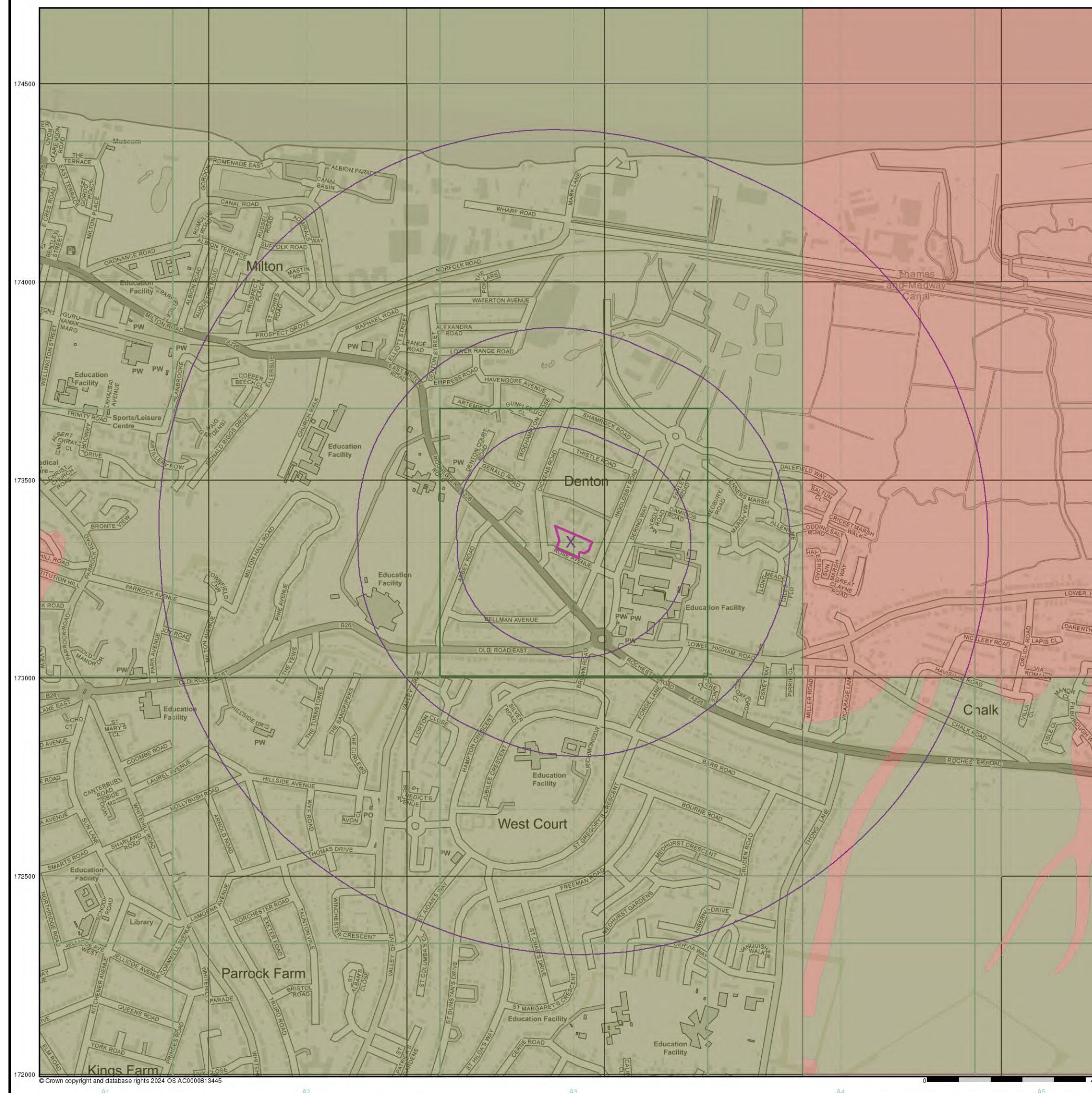
Order Details: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

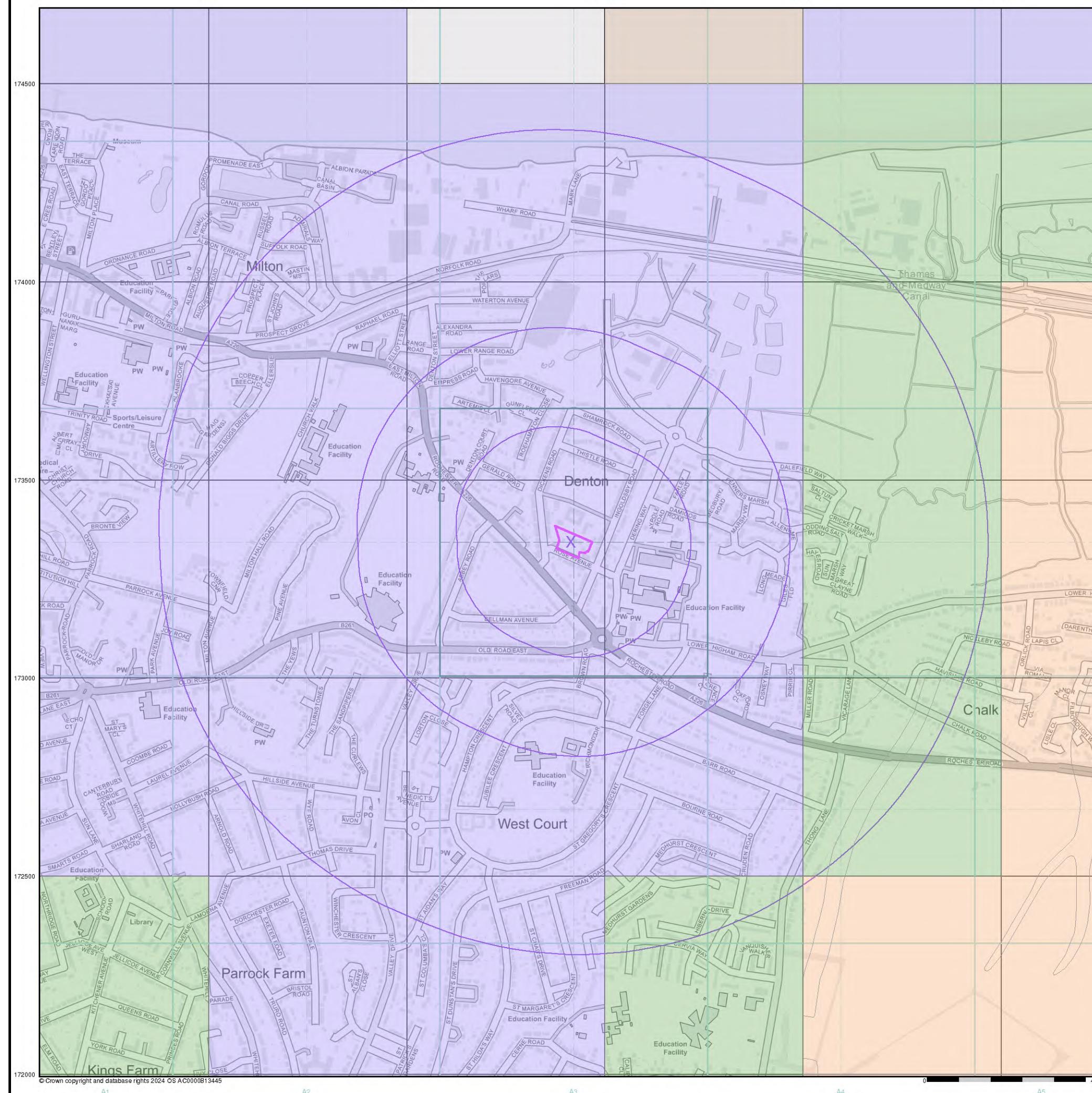
Site Details

Rose Avenue, GRAVESEND, DA12 2LN

Landmark
INFORMATION GROUP

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





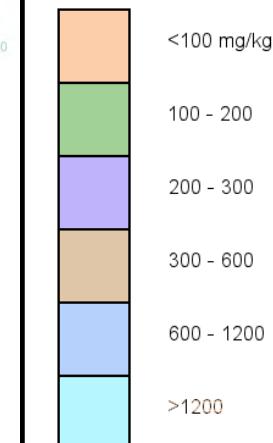
General

Specified Site Specified Buffer(s)

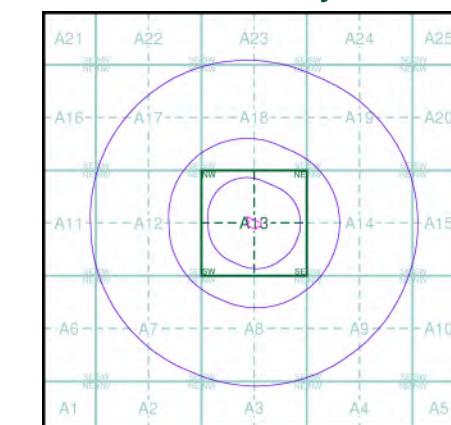
Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

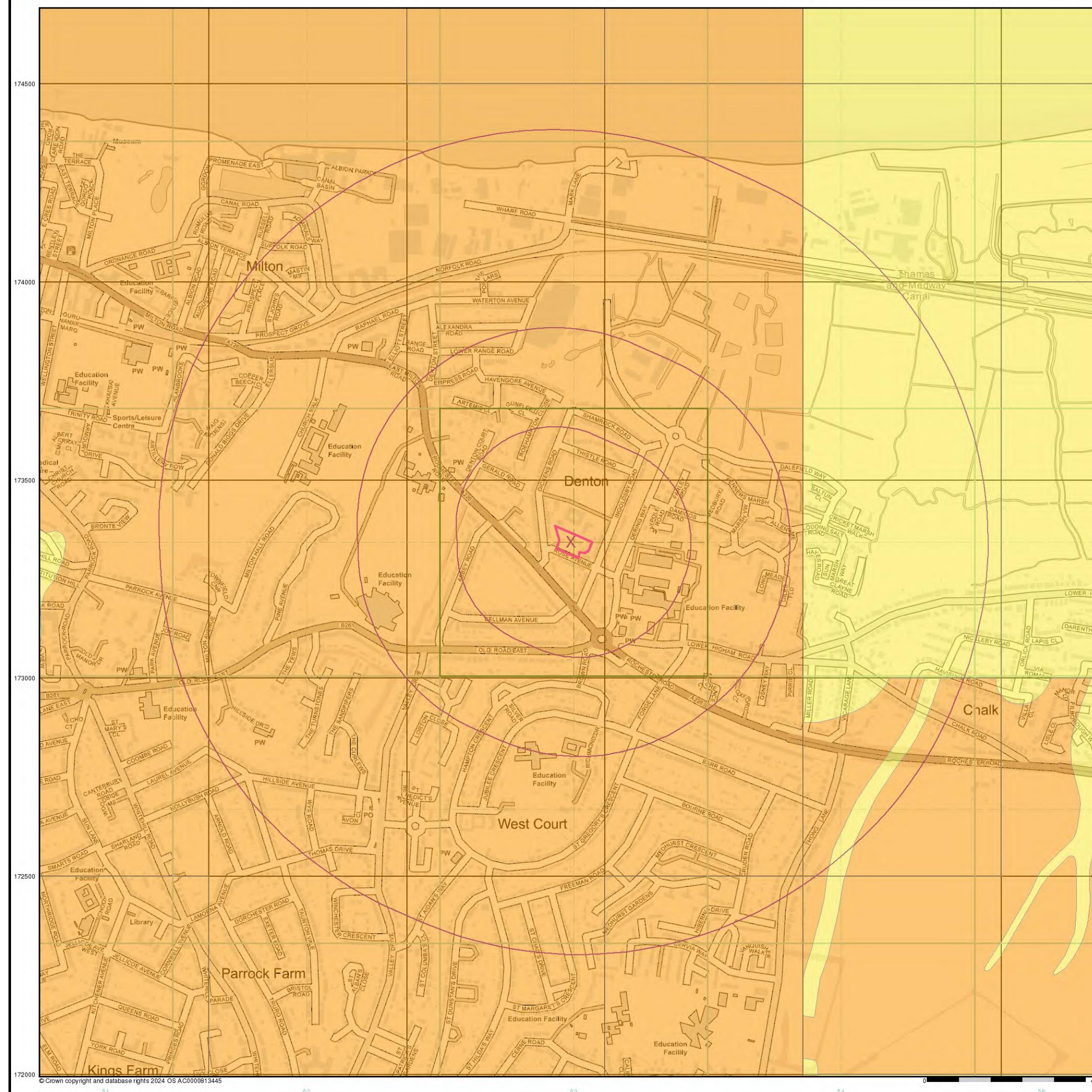
Order Details: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



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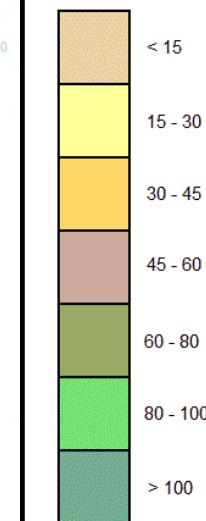


General

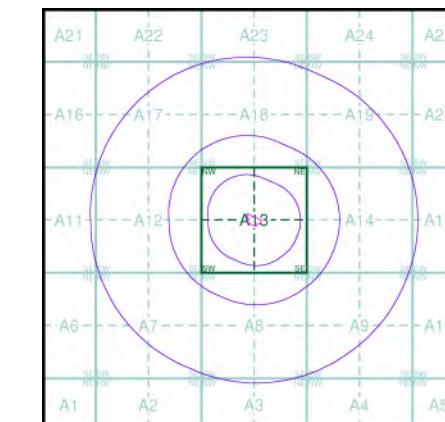
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN

Landmark
INFORMATION GROUP

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



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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.

Client Details

Mr G Owens, Albury Si Ltd, Miltons Yard, Petworth Road, Witley, Godalming, Surrey, GU8 5LH

Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566420, 173340
Site Area (Ha): 0.4
Search Buffer (m): 1000

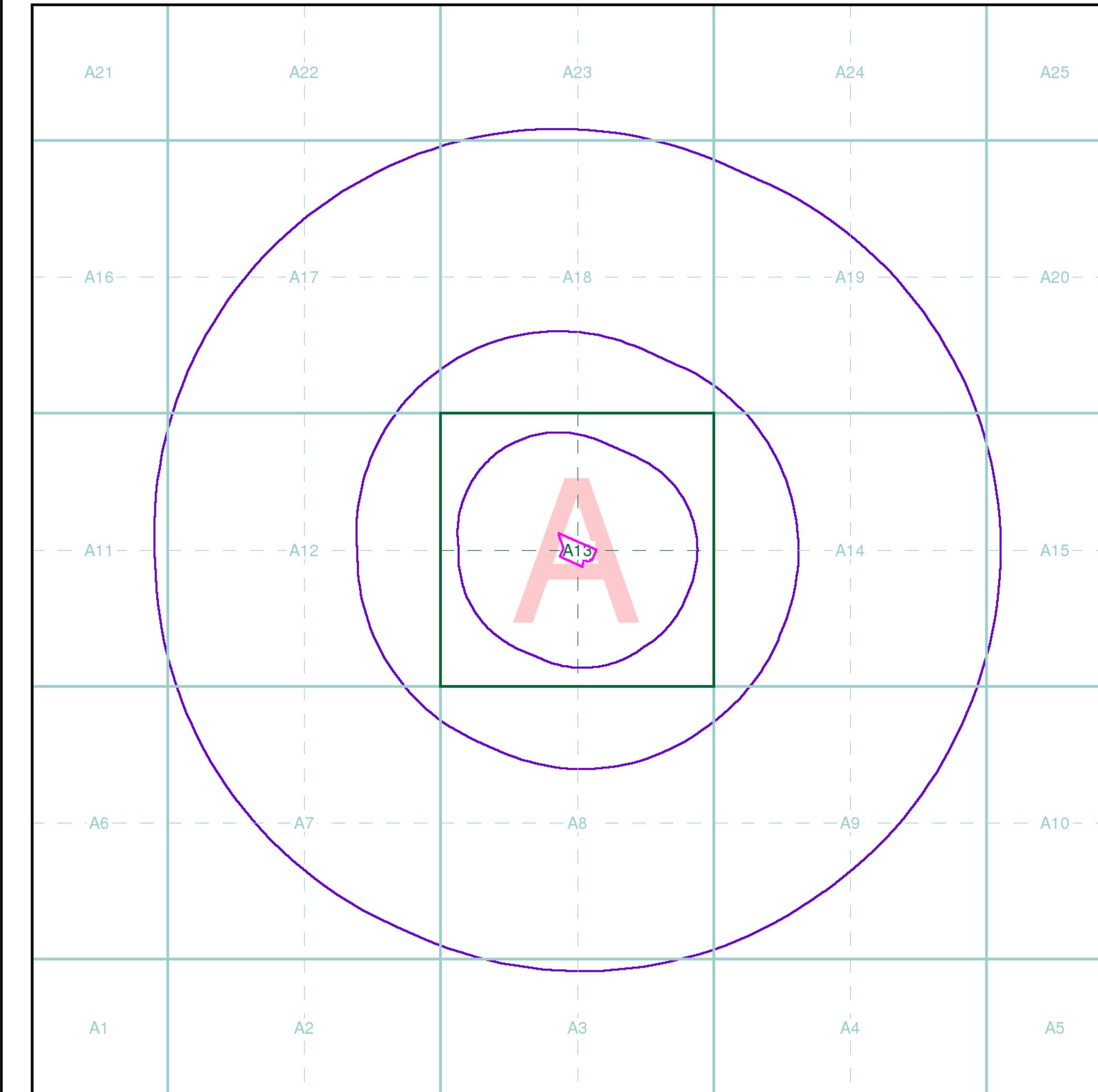
Site Details

Rose Avenue, GRAVESEND, DA12 2LN

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<http://www.landmarkinfo.co.uk/Terms>Show/515>



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Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
363793261_1_1

Customer Reference:
24/13027/GO

National Grid Reference:
566410, 173340

Slice:
A

Site Area (Ha):
0.4

Search Buffer (m):
1000

Site Details:

Rose Avenue
GRAVESEND
DA12 2LN

Client Details:

Mr G Owens
Albury Si Ltd
Miltons Yard
Petworth Road
Witley
Godalming
Surrey
GU8 5LH



Report Section and Details	Page Number
Summary	-
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. 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).	
Mining and Natural Cavities Data	1
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. 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.	
Historical Land Use Information (1:2,500)	-
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. 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.	
Historical Land Use Information (1:10,000)	2
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. 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.	
Ground Stability Data (1:50,000)	3
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.	
Historical Map List	5
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.	
Data Currency	6
Data Suppliers	7
Useful Contacts	8

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The brine subsidence data relating to the Driwtich 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.

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				5
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities	pg 1				1
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 1	Yes		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	pg 2			1	3
Former Marshes	pg 2				2
Potentially Infilled Land (Non-Water)	pg 2			1	3
Potentially Infilled Land (Water)	pg 2			2	3
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Milton Hall Road Denehole Location: Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 220394 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A12NW (W)	666	1	565709 173361
2	BGS Recorded Mineral Sites Site Name: Chalk Chalk Pit Location: Chalk, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 131055 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	714	1	566068 172684
3	BGS Recorded Mineral Sites Site Name: Denton Wharf Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10546 Type: Wharf Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A18NE (N)	951	1	566475 174330
4	BGS Recorded Mineral Sites Site Name: Clubb'S Marine Terminal Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10545 Type: Wharf Status: Active Operator: J. Clubb Ltd. Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	989	1	566960 174200
4	BGS Recorded Mineral Sites Site Name: Clubb'S Marine Terminal Location: Denton, Gravesend, Kent Source: British Geological Survey, National Geoscience Information Service Reference: 10545 Type: Wharf Status: Active Operator: J. Clubb Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	989	1	566960 174200
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Man Made Mining Cavities Cavity Type: Bell pit Commodity: Chalk Solid Geology Detail: Thanet Sand Formation, Chalk Group Superficial Geology: No Details Detail:	A12SW (W)	776	2	565600 173340
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1899	A18SW (NW)	431	-	566220 173787
6	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1909	A8NE (SE)	640	-	566728 172734
7	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1909 - 1946	A8SW (S)	657	-	566363 172650
8	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1898	A7SE (SW)	732	-	566070 172663
9	Former Marshes Use: Former Marsh Date of Mapping: 1909	A18SE (N)	644	-	566609 173983
10	Former Marshes Use: Former Marsh Date of Mapping: 1938	A19NW (NE)	961	-	566946 174176
11	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A18SW (NW)	431	-	566220 173787
12	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NE (SE)	640	-	566728 172734
13	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1946	A8SW (S)	658	-	566364 172649
14	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NE (SW)	723	-	566077 172670
15	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NW (E)	306	-	566767 173403
16	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1869	A18SW (N)	458	-	566260 173828
17	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A18NW (N)	749	-	566388 174133
18	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A19NW (NE)	864	-	566910 174084
19	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A19NW (NE)	981	-	567041 174138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
20	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
21	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
22	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
23	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
24	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	209	1	566164 173388
25	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442
26	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
27	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442
28	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
29	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448
30	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	240	1	566140 173438
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	219	1	566163 173442
31	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	566315 173372
32	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	1	566266 173448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	566415 173345
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	157	1	566238 173461

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

1:2,500	Mapsheet	Published Date
Kent	010_07	1874
Kent	010_11	1874
Kent	010_11	1896
Kent	010_07	1897
Kent	010_07	1909
Kent	010_11	1909
Kent	010_07	1936
Kent	010_11	1936

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

1:10,560	Mapsheet	Published Date
Kent	010_00	1869
Essex	089_00	1872
Kent	010_SE	1898
Kent	010_NE	1899
Essex	089_NW	1899
Kent	010_NE	1909
Kent	010_SE	1909
Essex	095_SE	1923
Essex	096_SW	1923
Kent	010_NE	1938
Essex	095_SE	1938
Kent	010_SE	1946
Ordnance Survey Plan	TQ67SE	1961
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ67SE	1982

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 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	
Wardell Armstrong	 <i>your earth our world</i>
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	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pb.reading@stantec.com Website: www.stantec.com
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk



Historical Land Use Information (1:2,500)

General

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

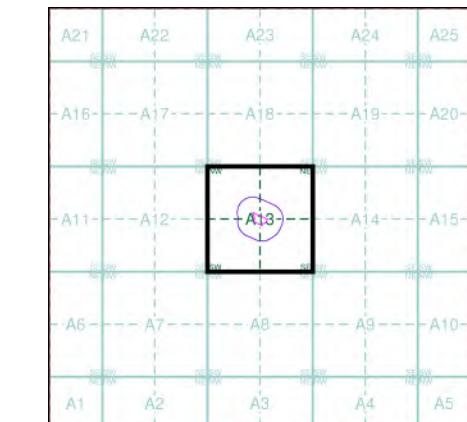
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

Point	Line	Polygon
▲	—	■
▲	—	■
▲	—	■
▲	—	■
▲	—	■
▲	—	■
▲	—	■

Subterranean Features

Subterranean Features

Mining and Ground Stability - Segment A13



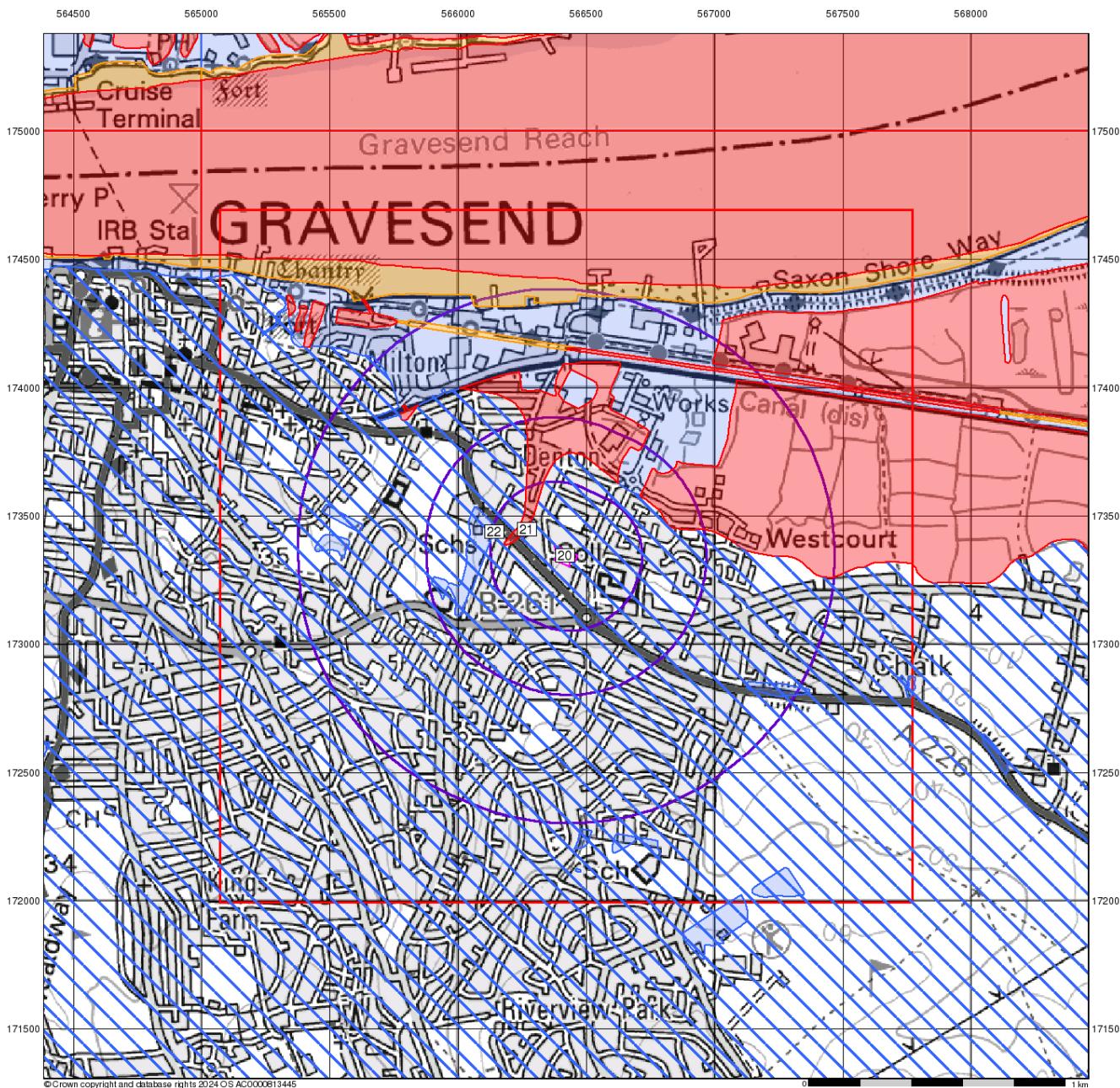
Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Plot Buffer (m): 100

Site Details

Rose Avenue, GRAVESEND, DA12 2LN





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

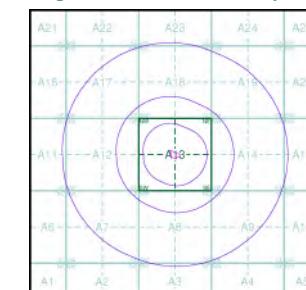
Potential for Collapsible Ground Stability Hazards

High	Low
Moderate	Very Low

Brine Pumping and Salt Mining

Brine Pumping Related Feature	Point	Polygon
Salt Mining Related Feature	▲	□
Brine Pumping Related Feature	△	△

Mining and Ground Stability - Slice A

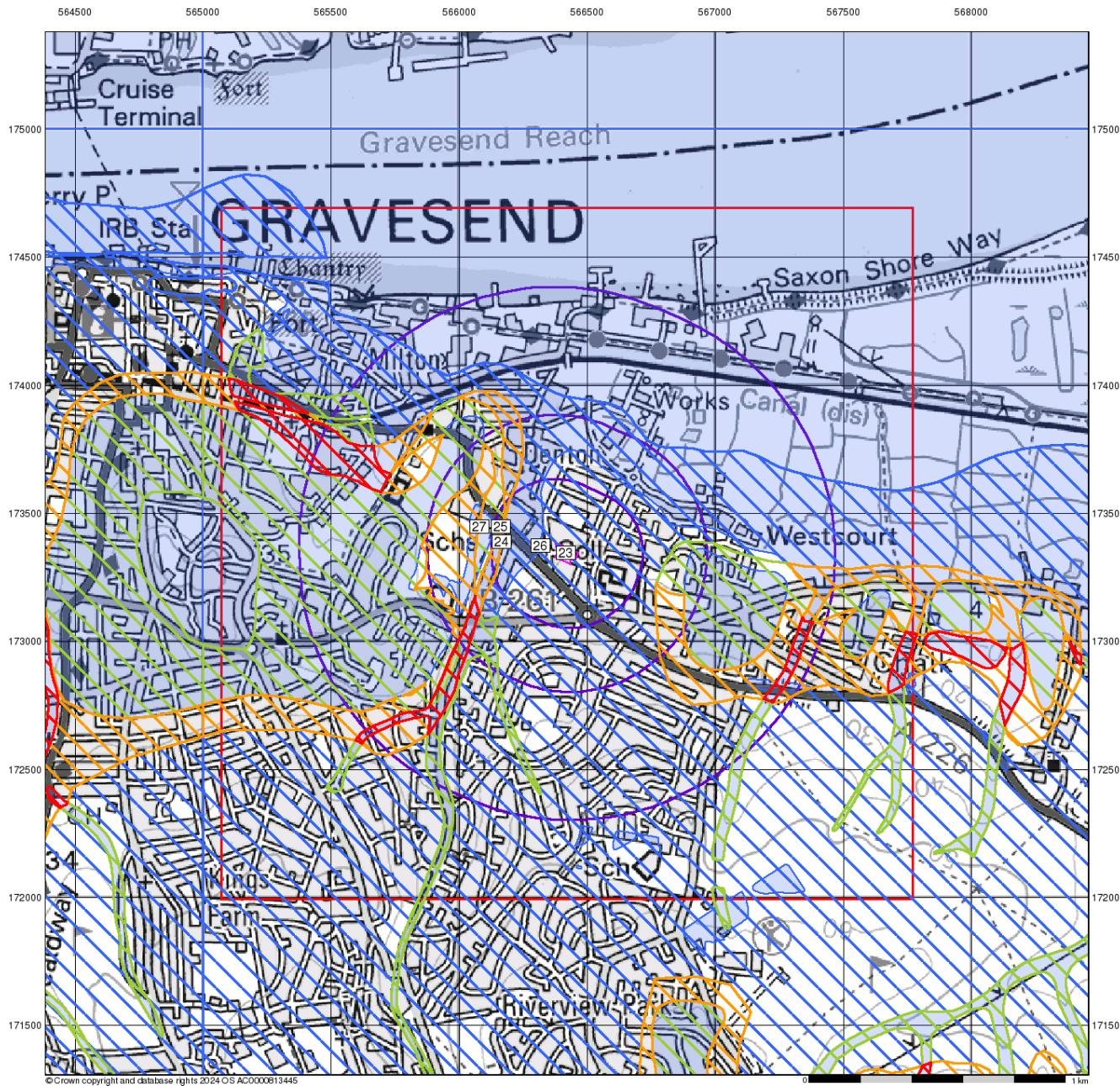


Order Details

Order Number: 363793261_1_1
 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



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Geotechnical & Environmental

Ground Stability Data (1:50,000)

General

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

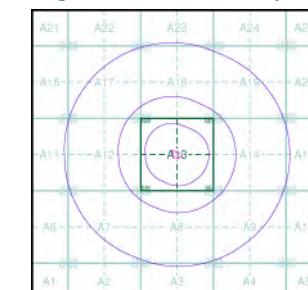
Potential for Landslide Ground Stability Hazards

High Low
Moderate Very Low

Potential for Ground Dissolution Stability Hazards

High Low
Moderate Very Low

Mining and Ground Stability - Slice A



Order Details

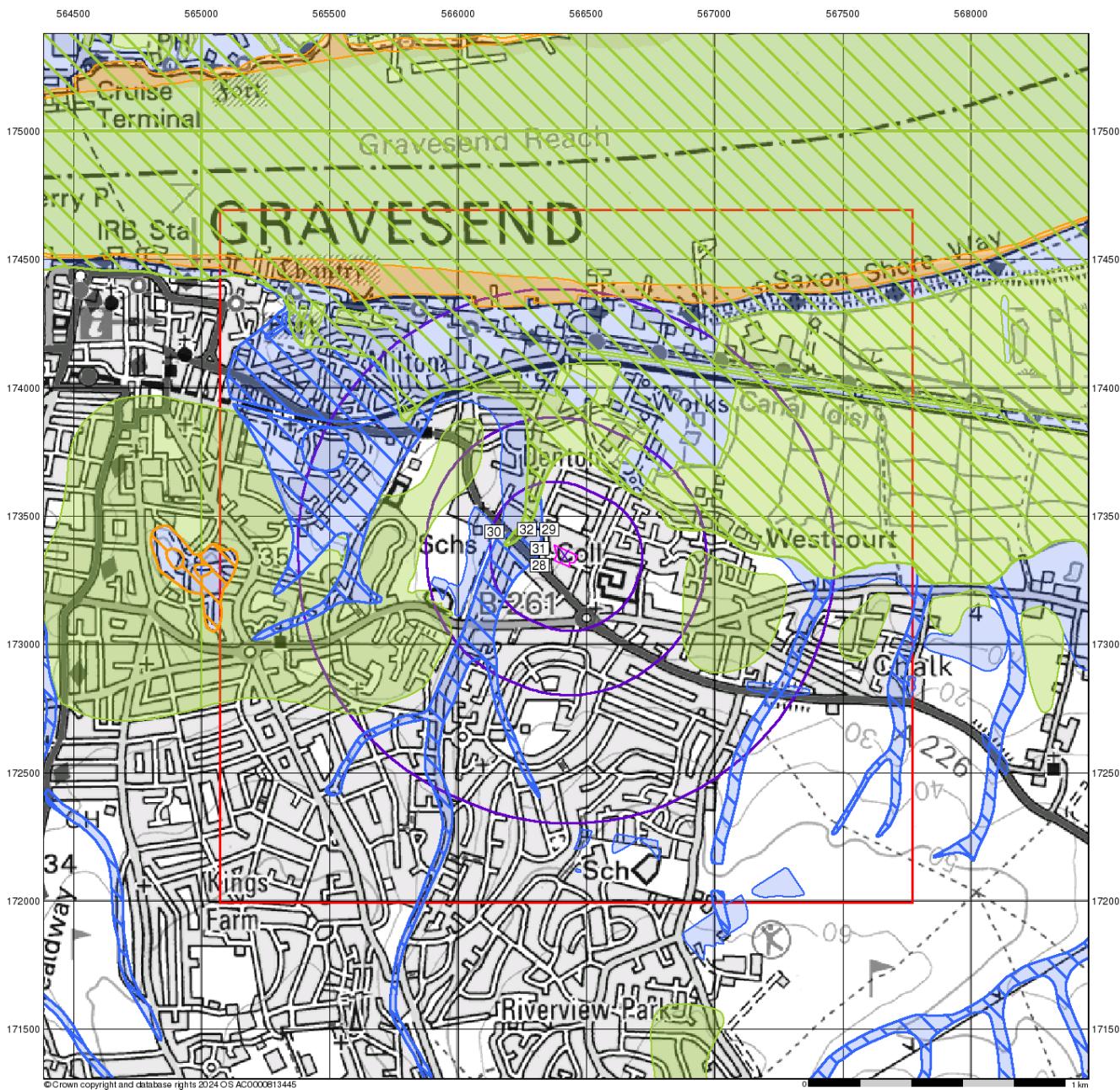
Order Number: 363793261_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Site Details

Landmark
INFORMATION GROUP

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



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Geotechnical & Environmental

Ground Stability Data (1:50,000)

General

● Specified Site ● Specified Buffer(s) X Bearing Reference Point
■ Slice ■ Map ID

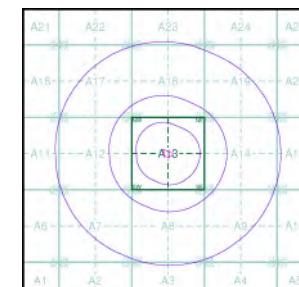
Potential for Running Sand Ground Stability Hazards

■	■
■	■

Potential for Shrinking or Swelling Clay Ground Stability Hazards

■	■
■	■

Mining and Ground Stability - Slice A



Order Details

Order Number: 363793261_1_1
 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



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	—	—

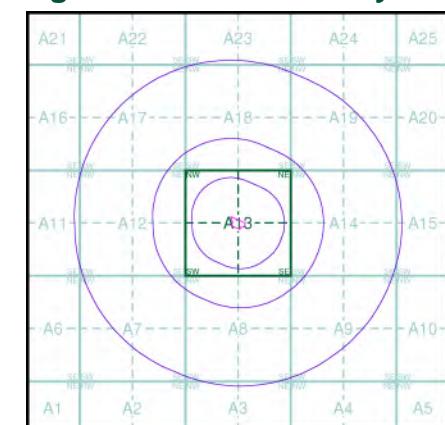
Historical Land Use

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

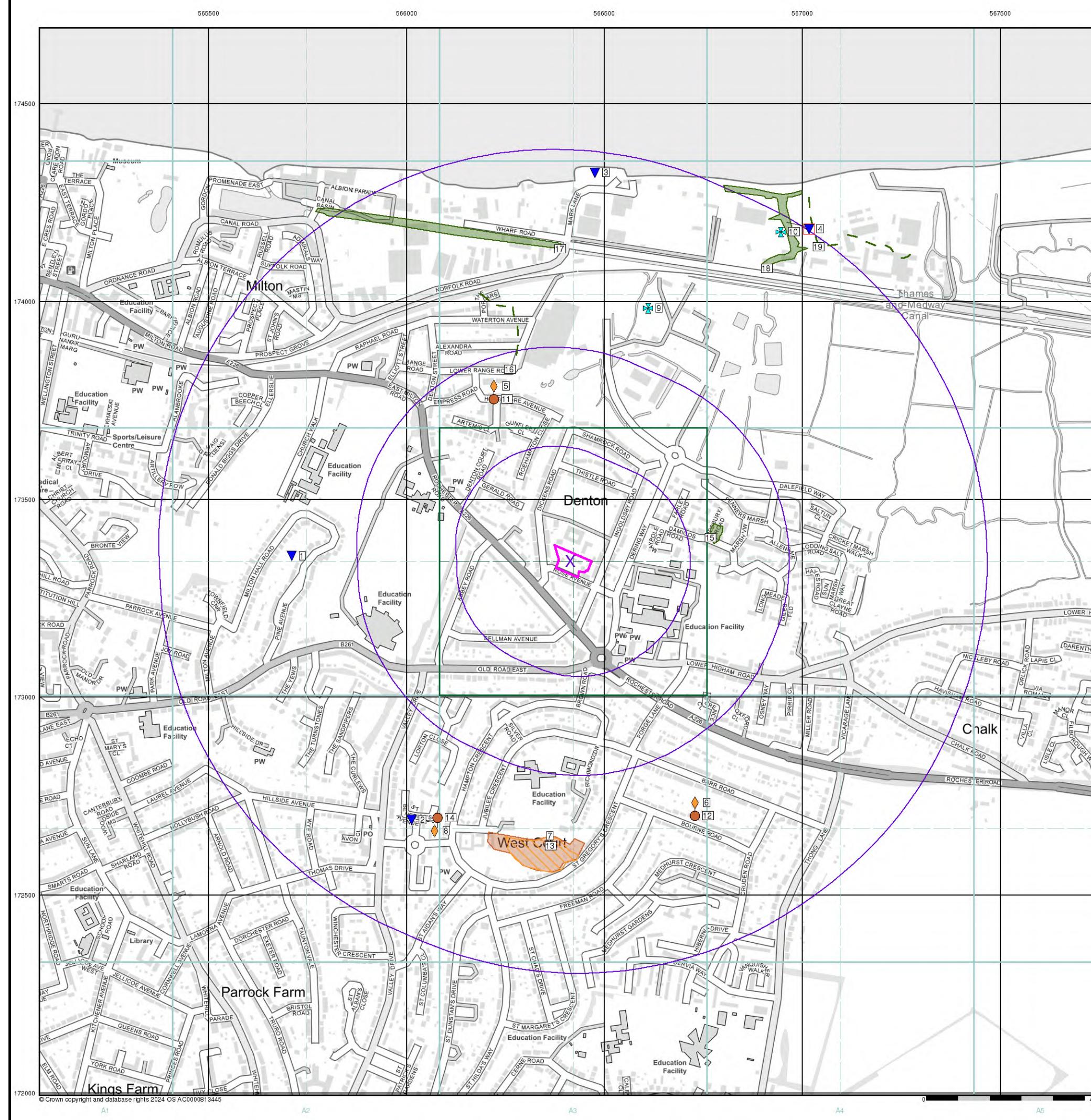


Order Details

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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

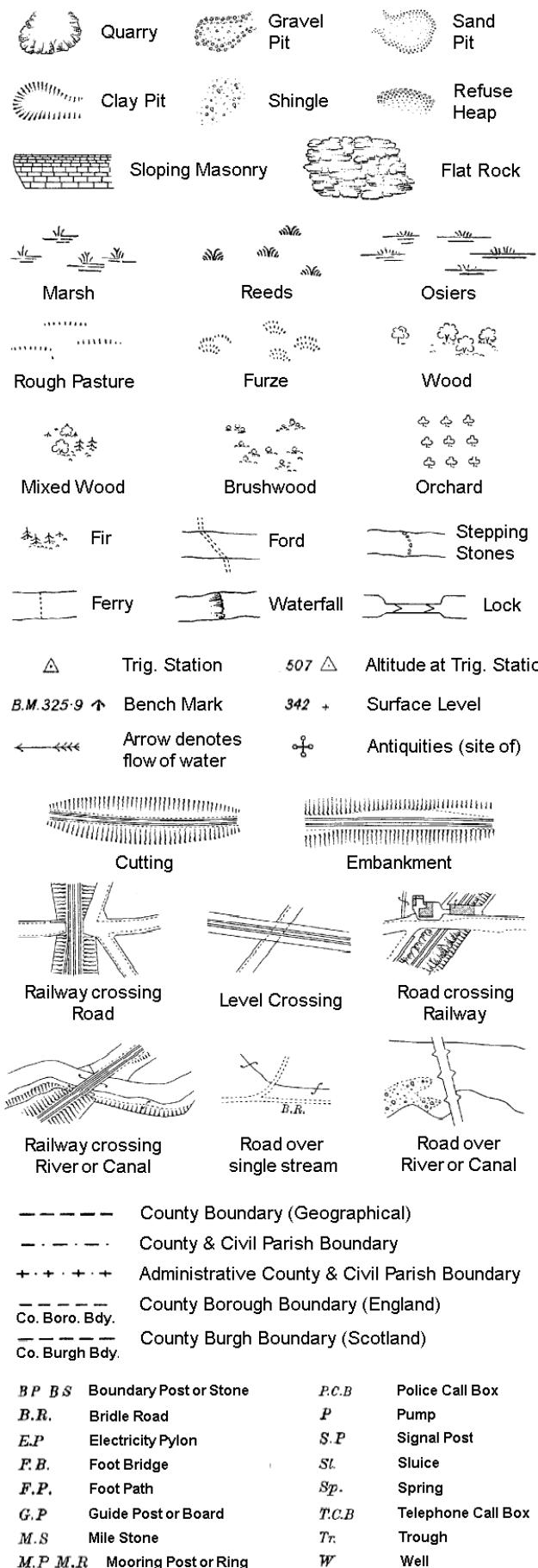
Site Details

Rose Avenue, GRAVESEND, DA12 2LN

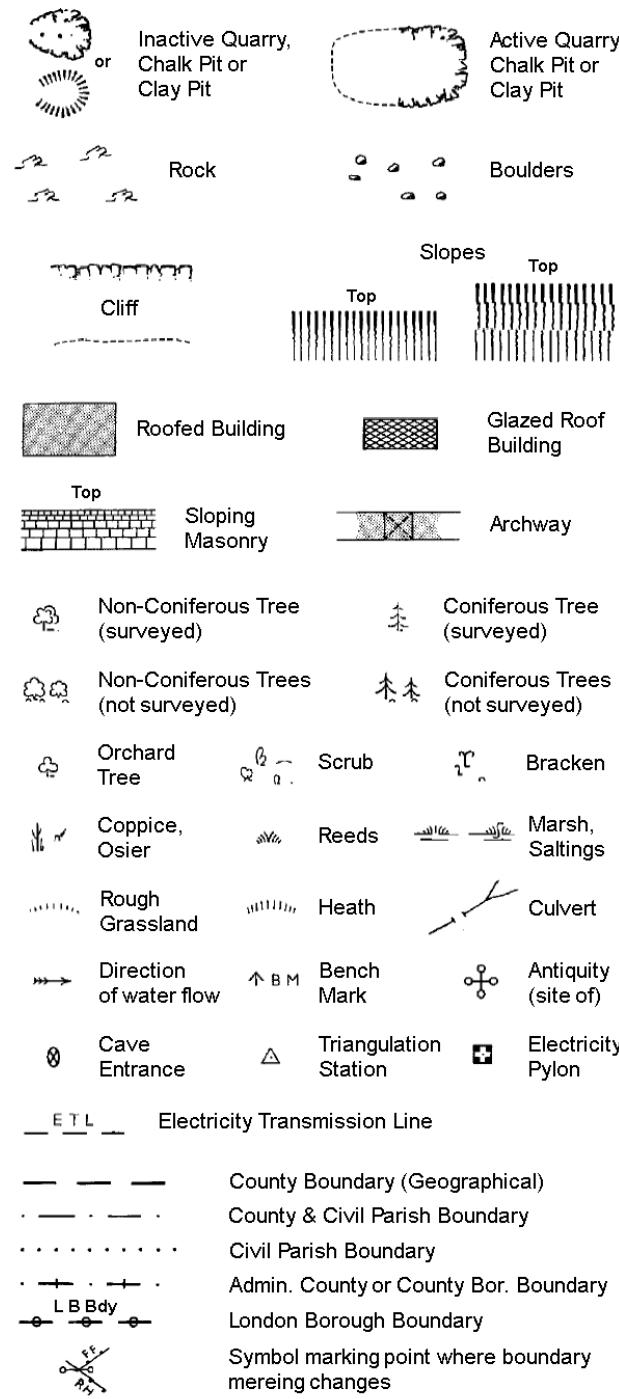


Historical Mapping Legends

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

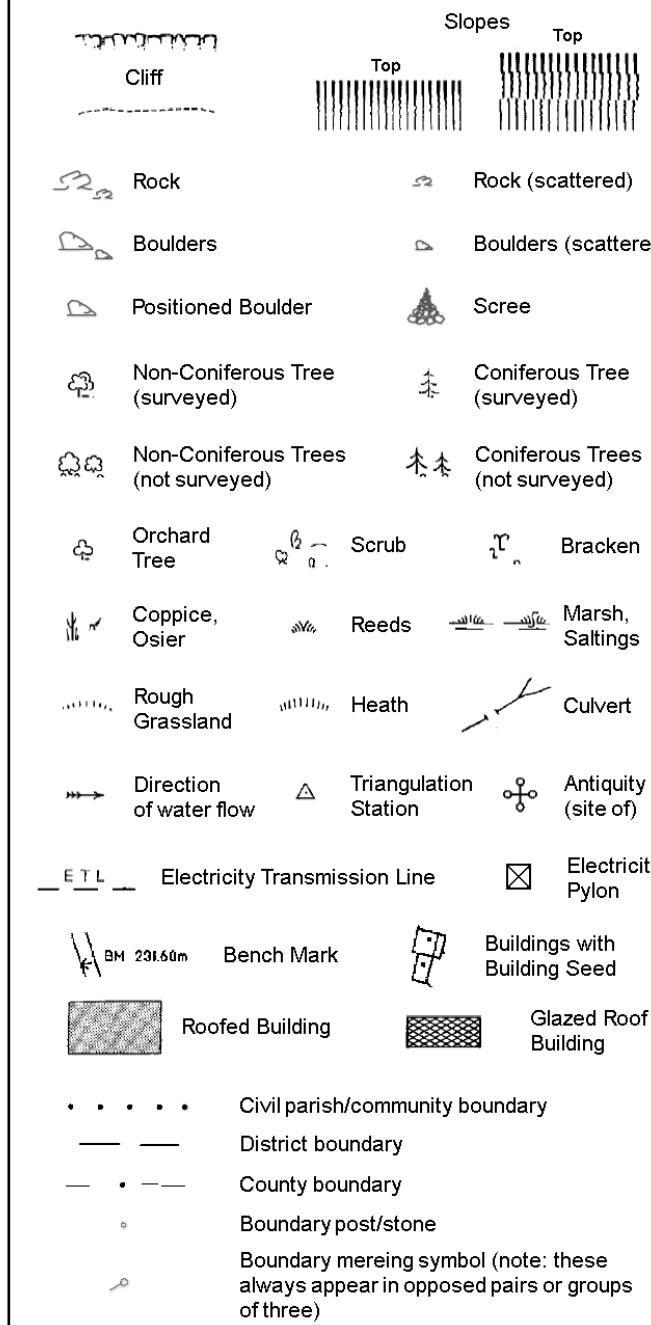


Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
EI Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
EI P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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

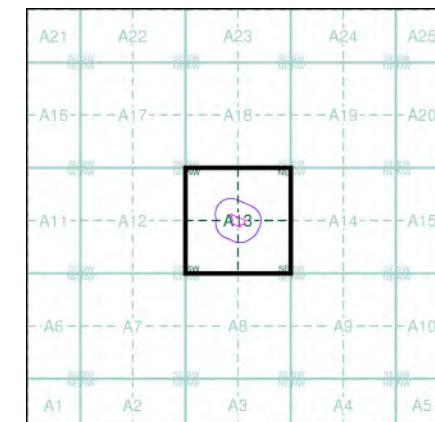


Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cem	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
EI Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
EI P	Electricity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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:2,500	1874	2
Kent	1:2,500	1896 - 1897	3
Kent	1:2,500	1909	4
Kent	1:2,500	1936	5
Ordnance Survey Plan	1:1,250	1954	6
Ordnance Survey Plan	1:2,500	1955	7
Ordnance Survey Plan	1:1,250	1960 - 1969	8
Ordnance Survey Plan	1:2,500	1964	9
Ordnance Survey Plan	1:1,250	1969 - 1978	10
Ordnance Survey Plan	1:2,500	1970	11
Supply of Unpublished Survey Information	1:1,250	1973	12
Ordnance Survey Plan	1:1,250	1978	13
Additional SIMs	1:1,250	1982 - 1988	14
Additional SIMs	1:1,250	1989	15
Additional SIMs	1:1,250	1991	16
Large-Scale National Grid Data	1:1,250	1993	17
Large-Scale National Grid Data	1:1,250	1993	18
Historical Aerial Photography	1:2,500	1999	19

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



ALBURY S.I. LTD
Geotechnical & Environmental

Kent

Published 1874

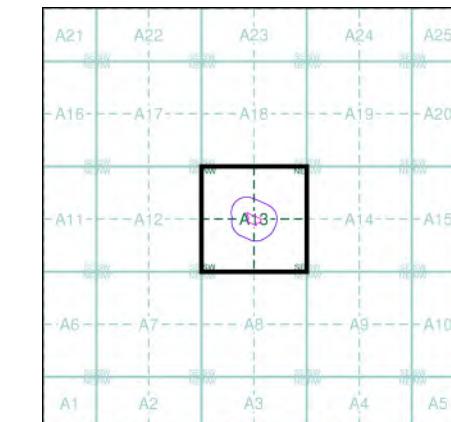
Source map scale - 1:2,500

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)

010_07	1874
1	1:2,500
010_11	1874
1	1:2,500

Historical Map - Segment A13



Order Details

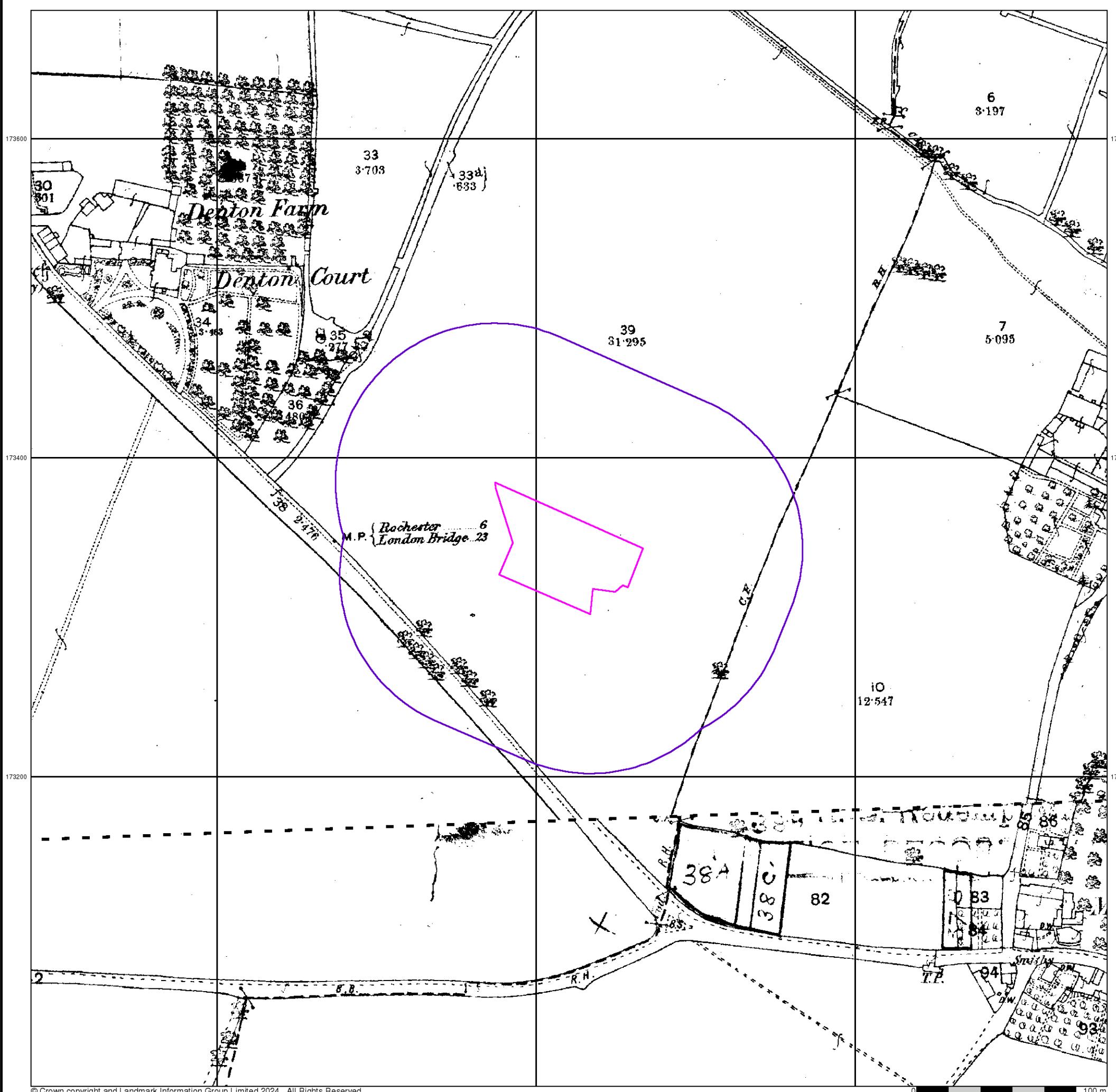
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

Site Details

Rose Avenue, GRAVESEND, DA12 2LN

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ALBURY S.I. LTD
Geotechnical & Environmental

Kent

Published 1896 - 1897

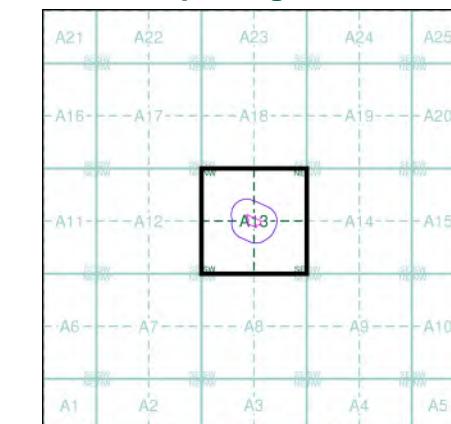
Source map scale - 1:2,500

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)

010.07	1897
1	1:2,500
010.11	1896
1	1:2,500

Historical Map - Segment A13



Order Details

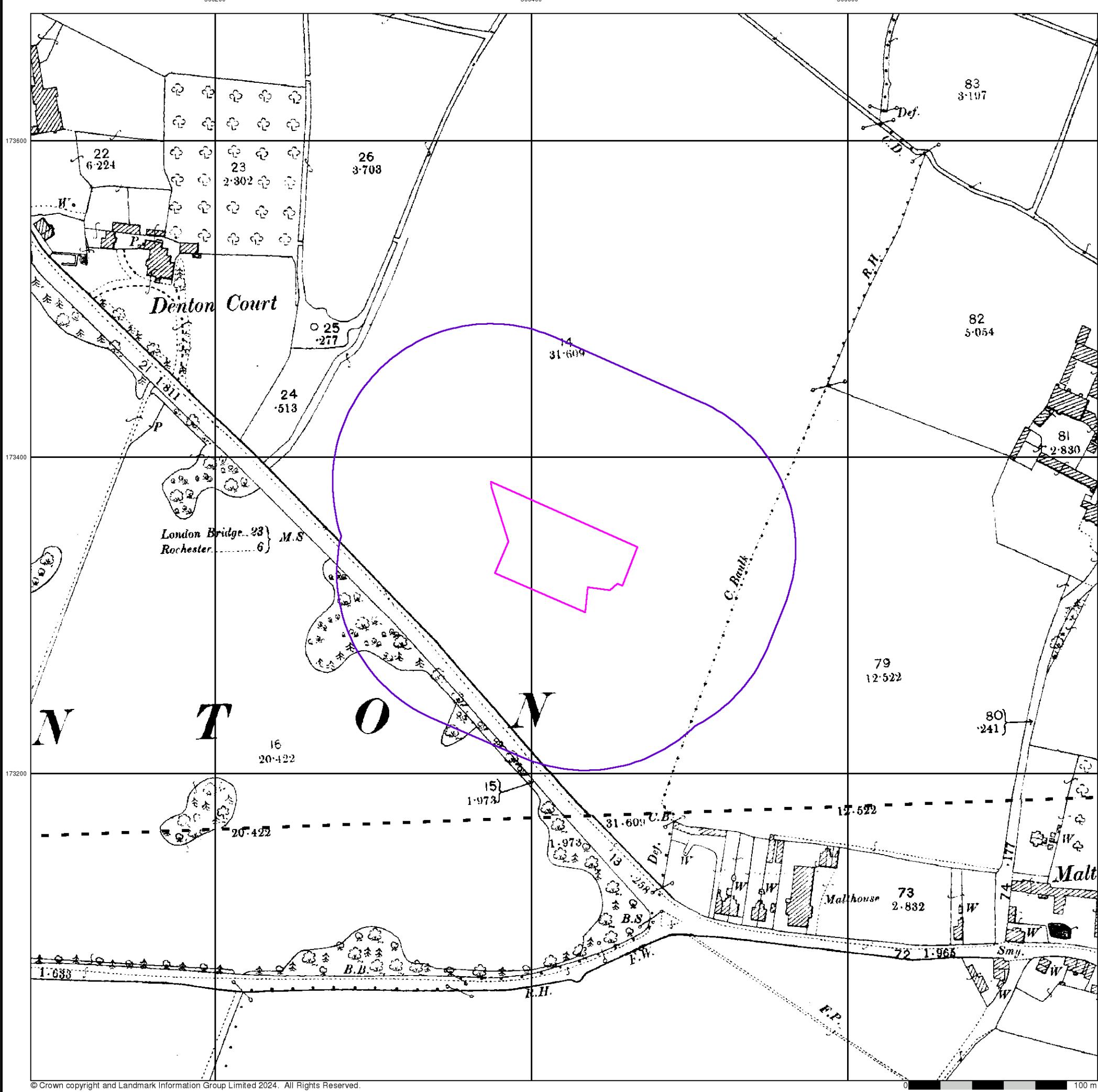
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

Site Details

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Kent

Published 1909

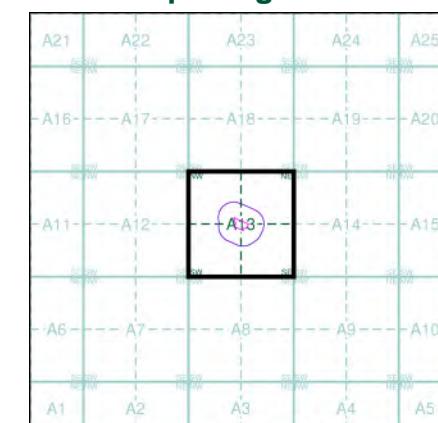
Source map scale - 1:2,500

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)

010.07	1909	1:2,500
010.11	1909	1:2,500

Historical Map - Segment A13



Order Details

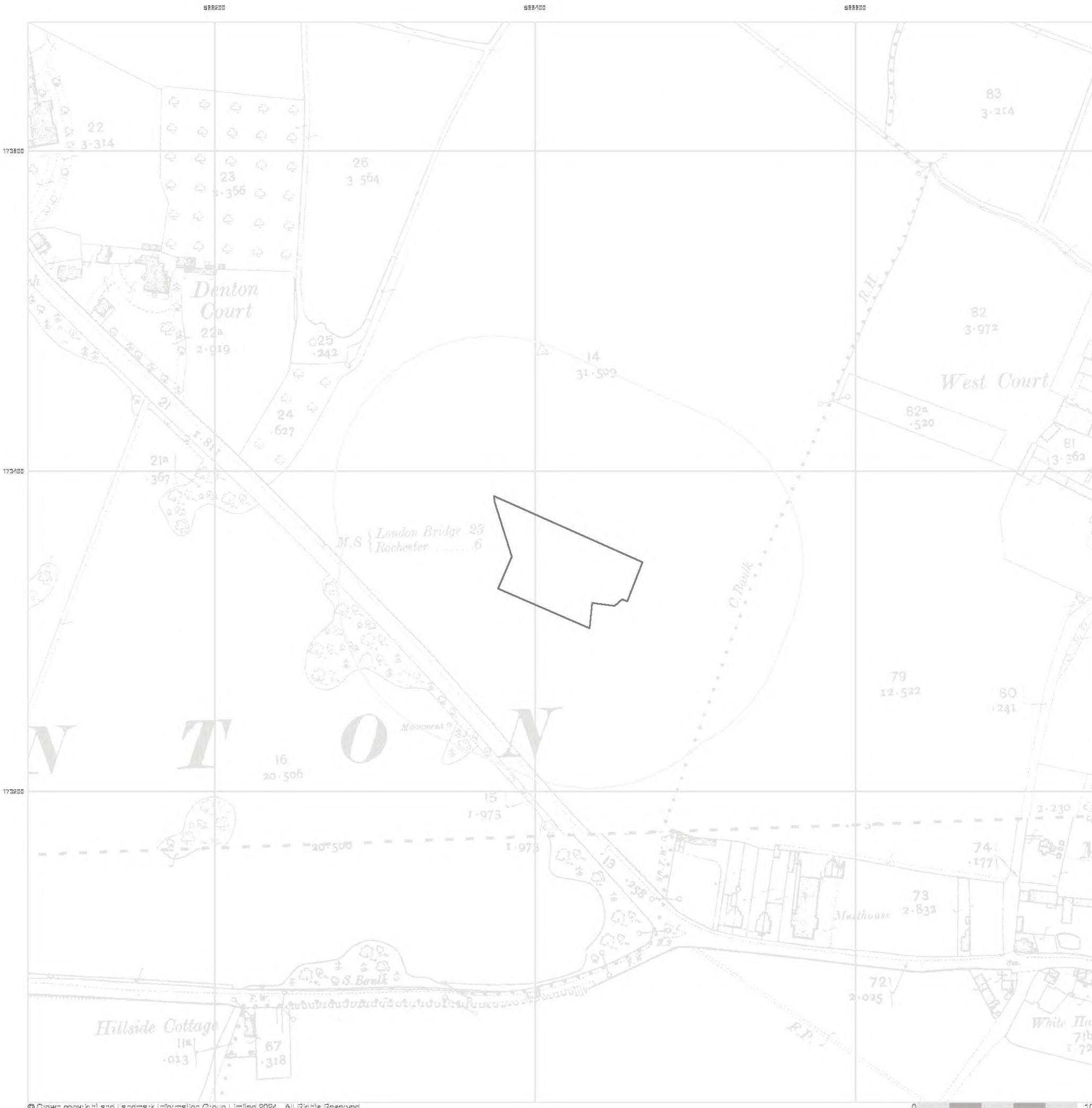
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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Published 1936

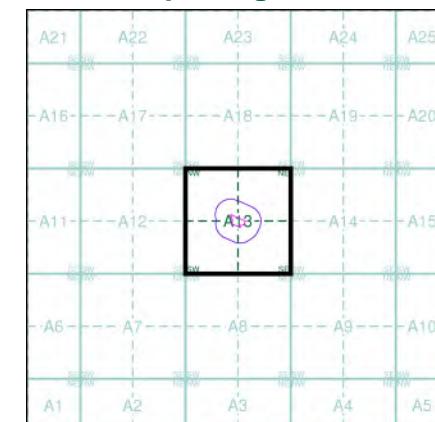
Source map scale - 1:2,500

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)

010.07	1936	1:2,500
010.11	1936	1:2,500

Historical Map - Segment A13



Order Details

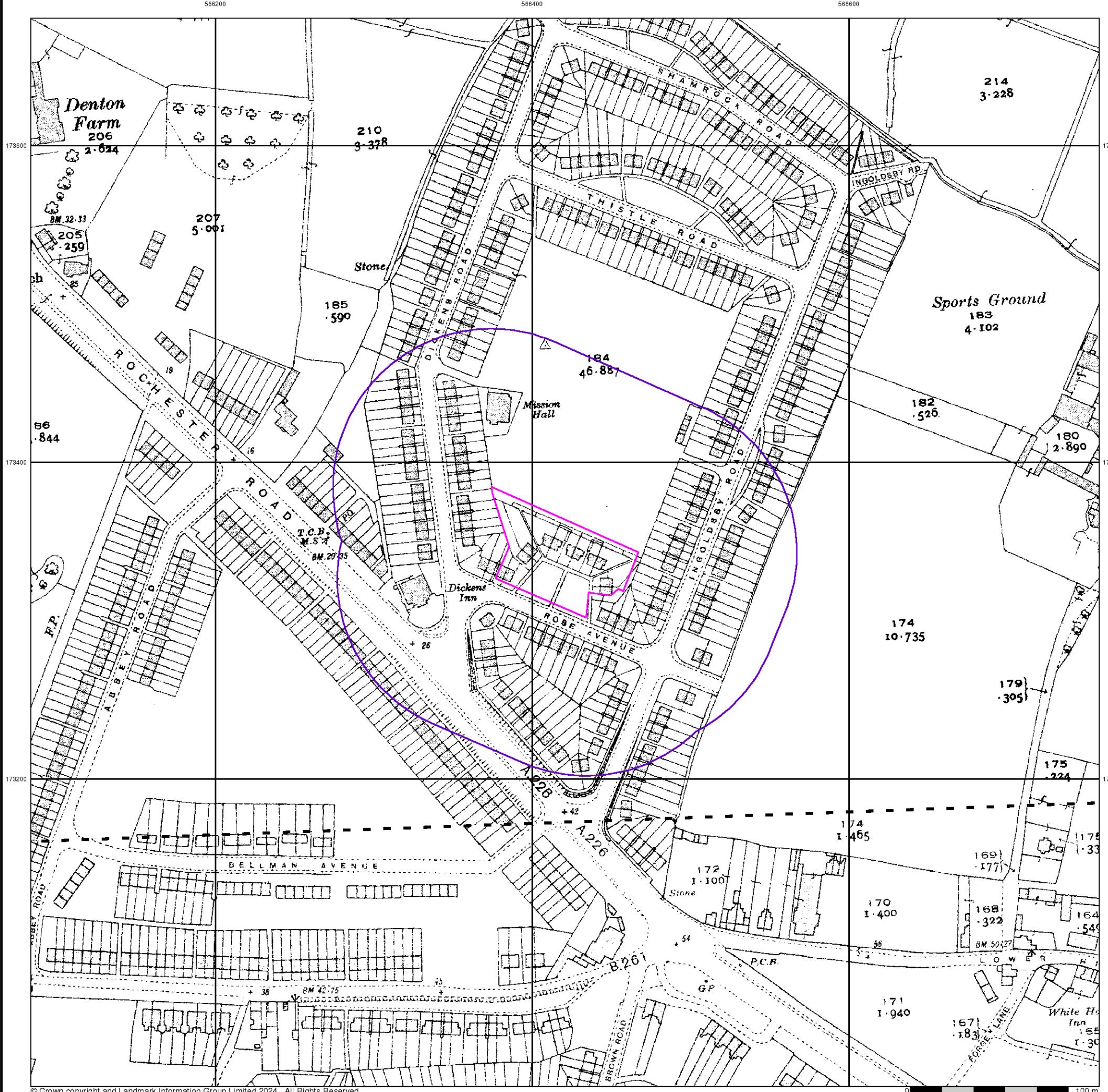
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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Published 1954

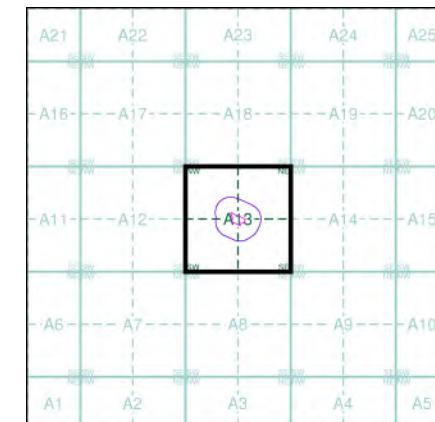
Source map scale - 1:1,250

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)

TO6673NW	TO6673NE
1954	1954
1:1,250	1:1,250
-----	-----
TQ6673SW	TQ6673SE
1954	1954
1:1,250	1:1,250
-----	-----

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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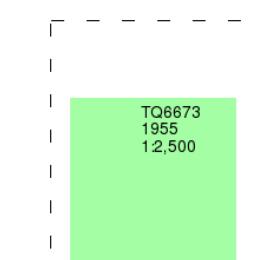
Ordnance Survey Plan

Published 1955

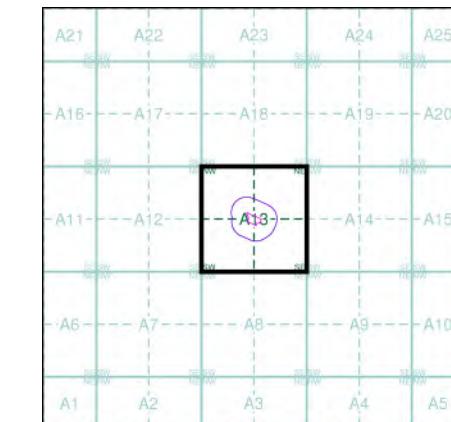
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

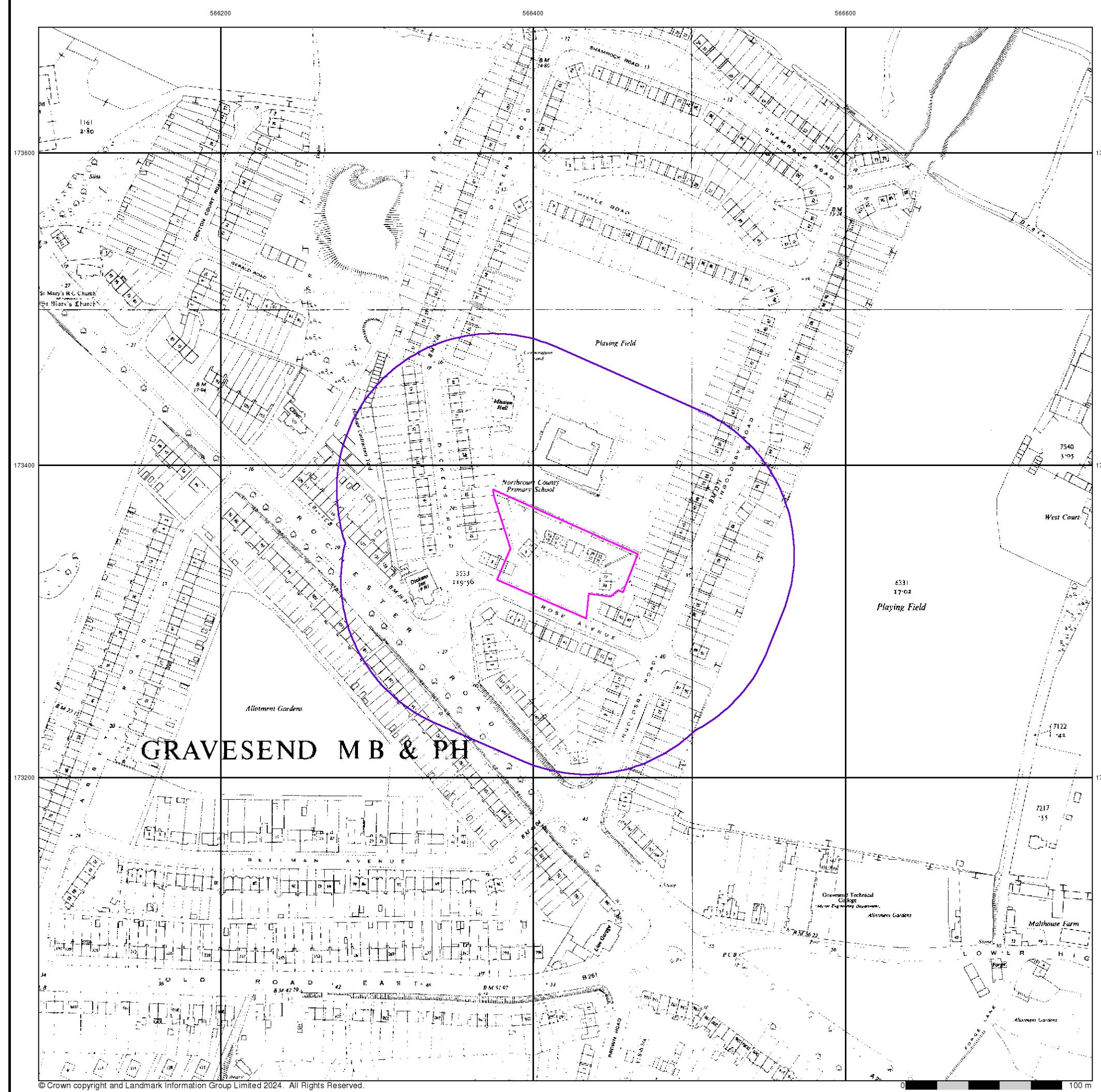
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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Published 1960 - 1969

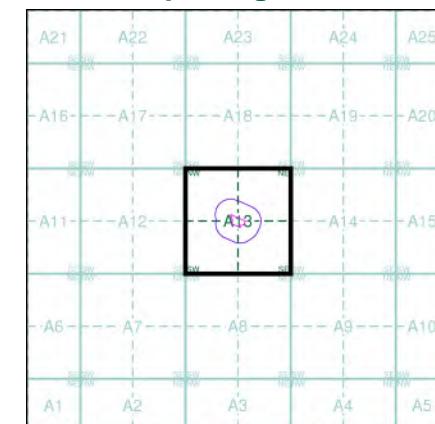
Source map scale - 1:1,250

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)

TQ6673NW	TQ6673NE
1960	1969
1:1,250	1:1,250
-----	-----
TQ6673SW	TQ6673SE
1969	1969
1:1,250	1:1,250
-----	-----

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
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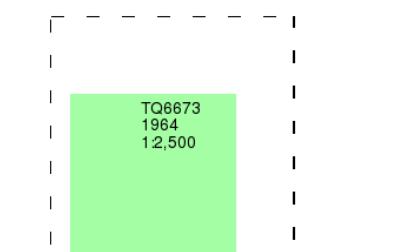
Ordnance Survey Plan

00 | Published 1964

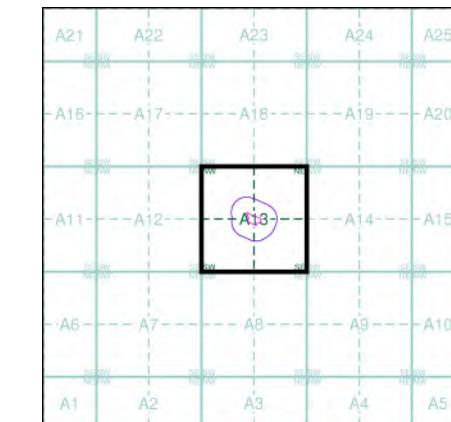
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1969 - 1978

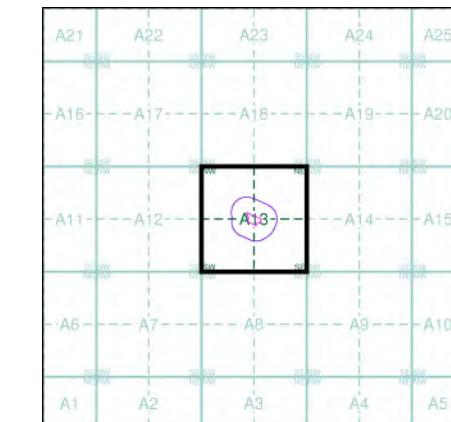
Source map scale - 1:1,250

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)

TO6673NW	1969	1:1,250
TQ6673SW	1978	1:1,250
TQ6673SE	1975	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
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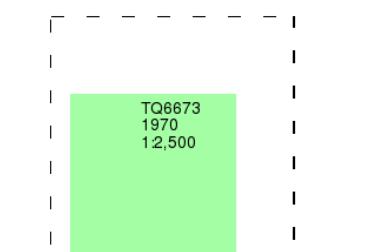
Ordnance Survey Plan

00 | Published 1970

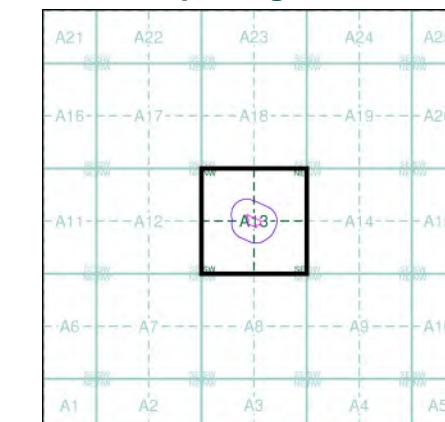
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
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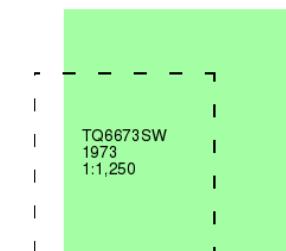
Supply of Unpublished Survey Information

Published 1973

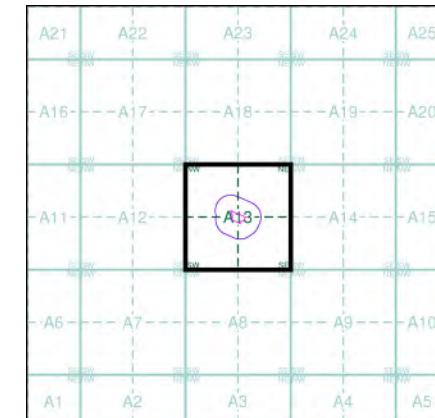
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

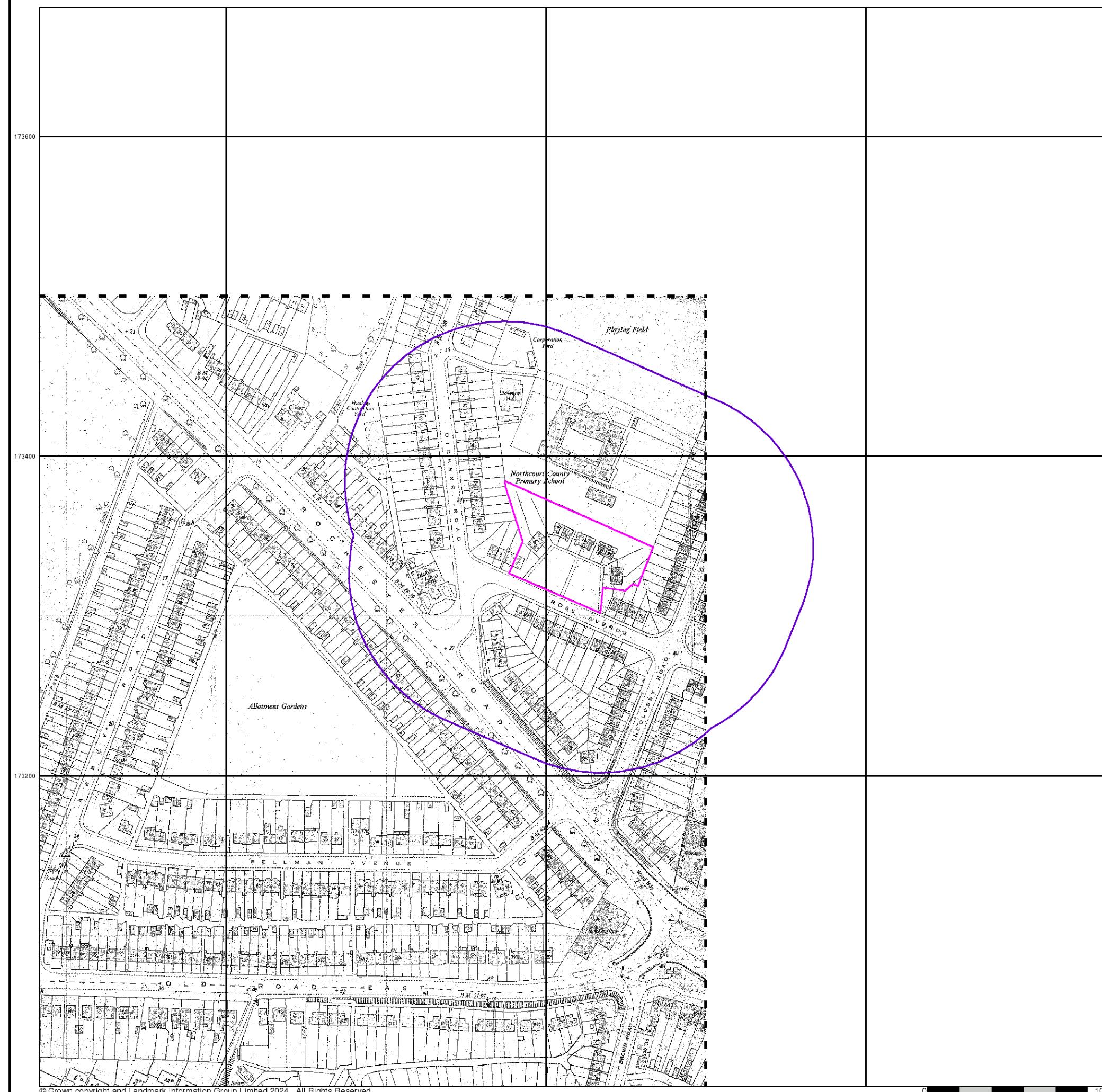
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1978

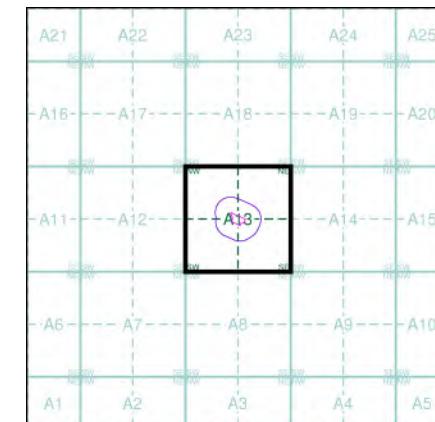
Source map scale - 1:1,250

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)

TQ6673NW
1978
1:1,250

Historical Map - Segment A13



Order Details

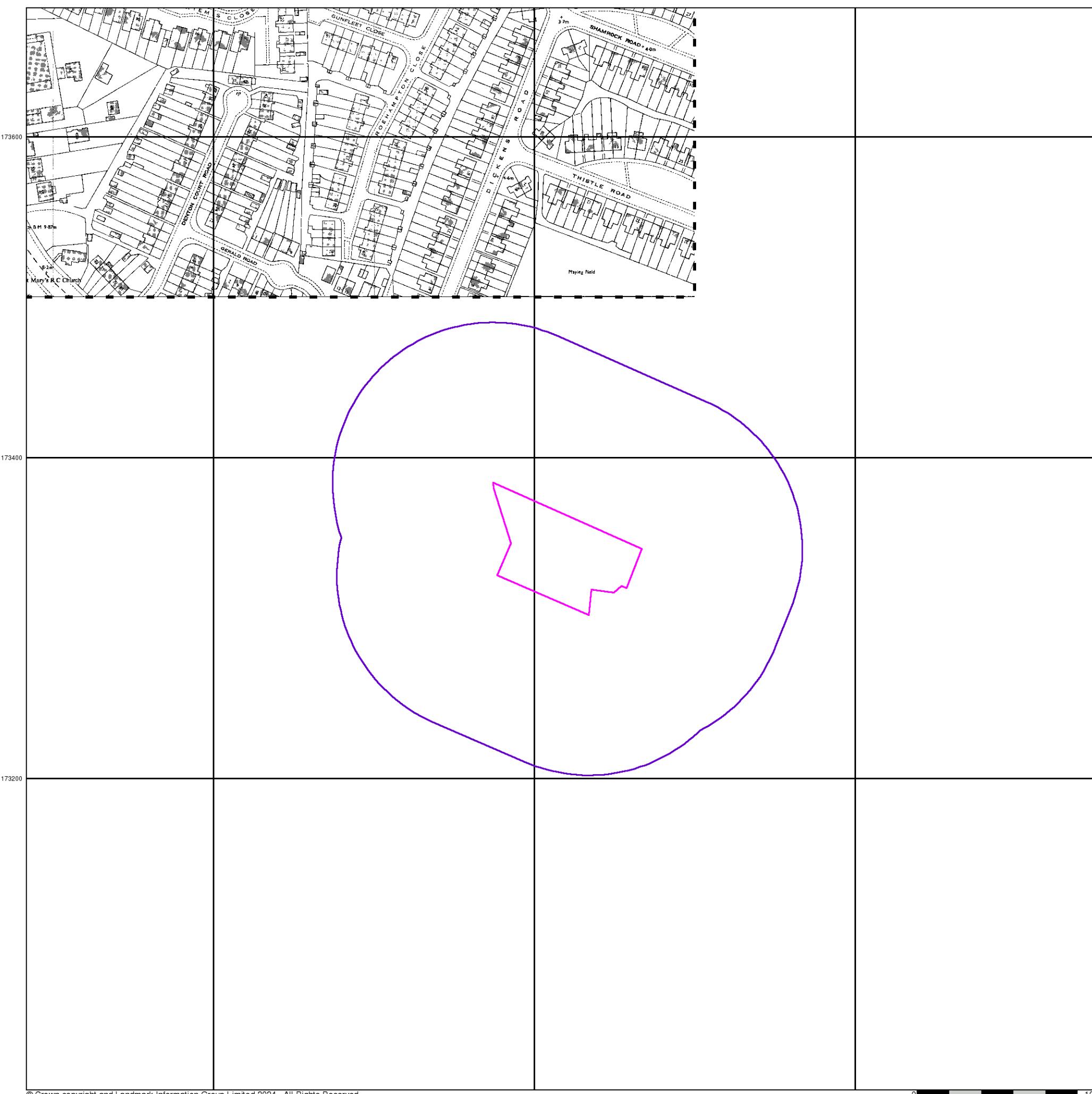
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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Additional SIMs

Published 1982 - 1988

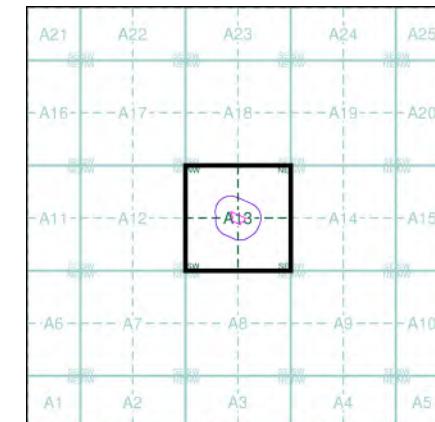
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TO6673NW	TQ6673NE
1988	1982
1:1,250	1:1,250
TQ6673SE	
1985	
1:1,250	

Historical Map - Segment A13



Order Details

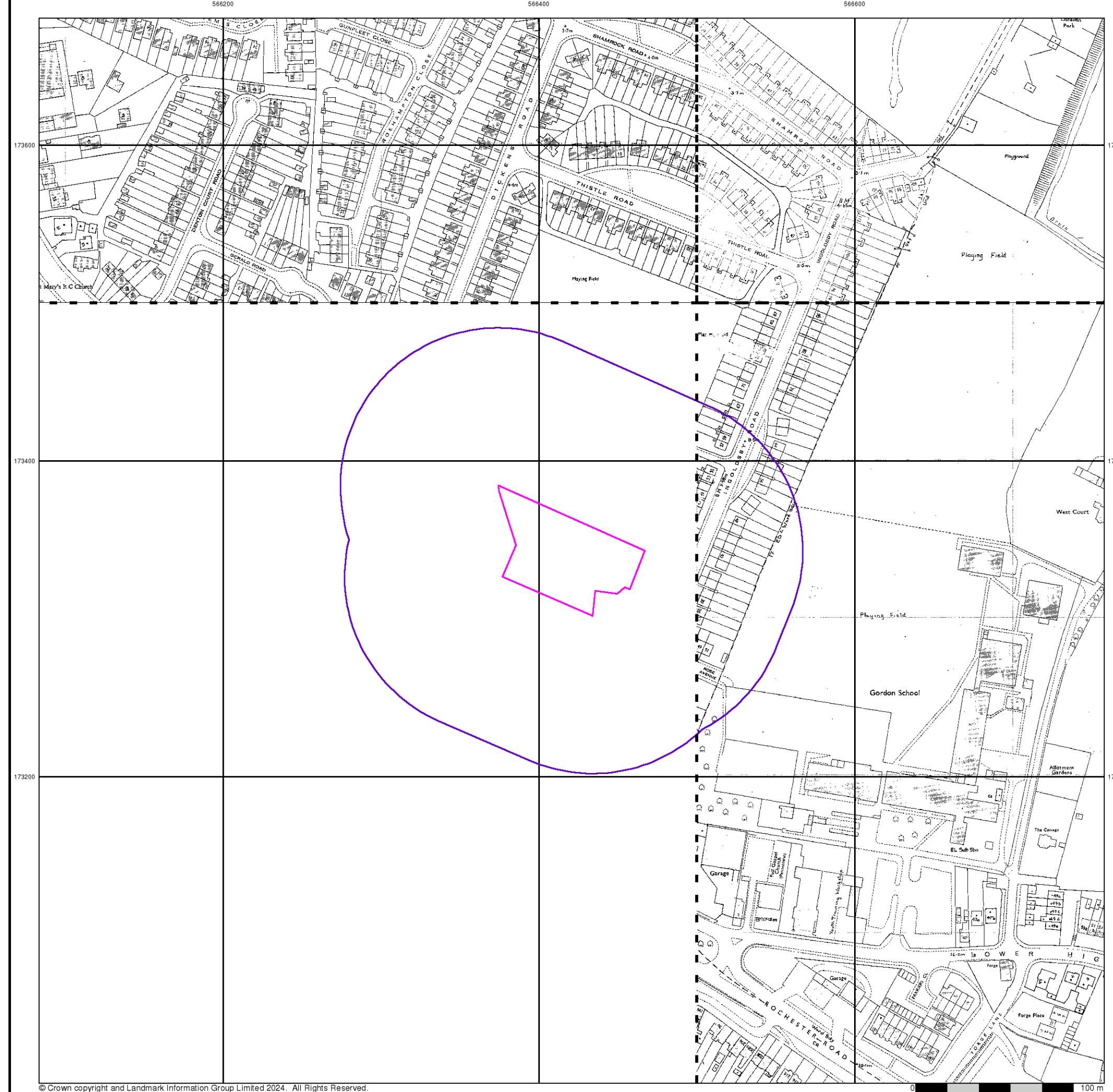
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
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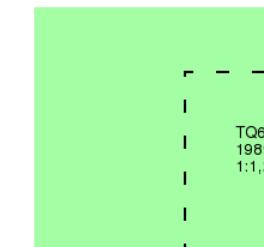
Additional SIMs

Published 1989

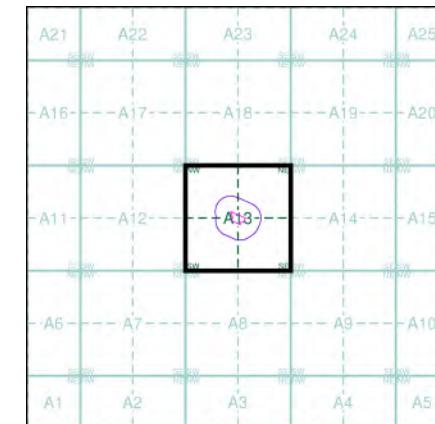
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

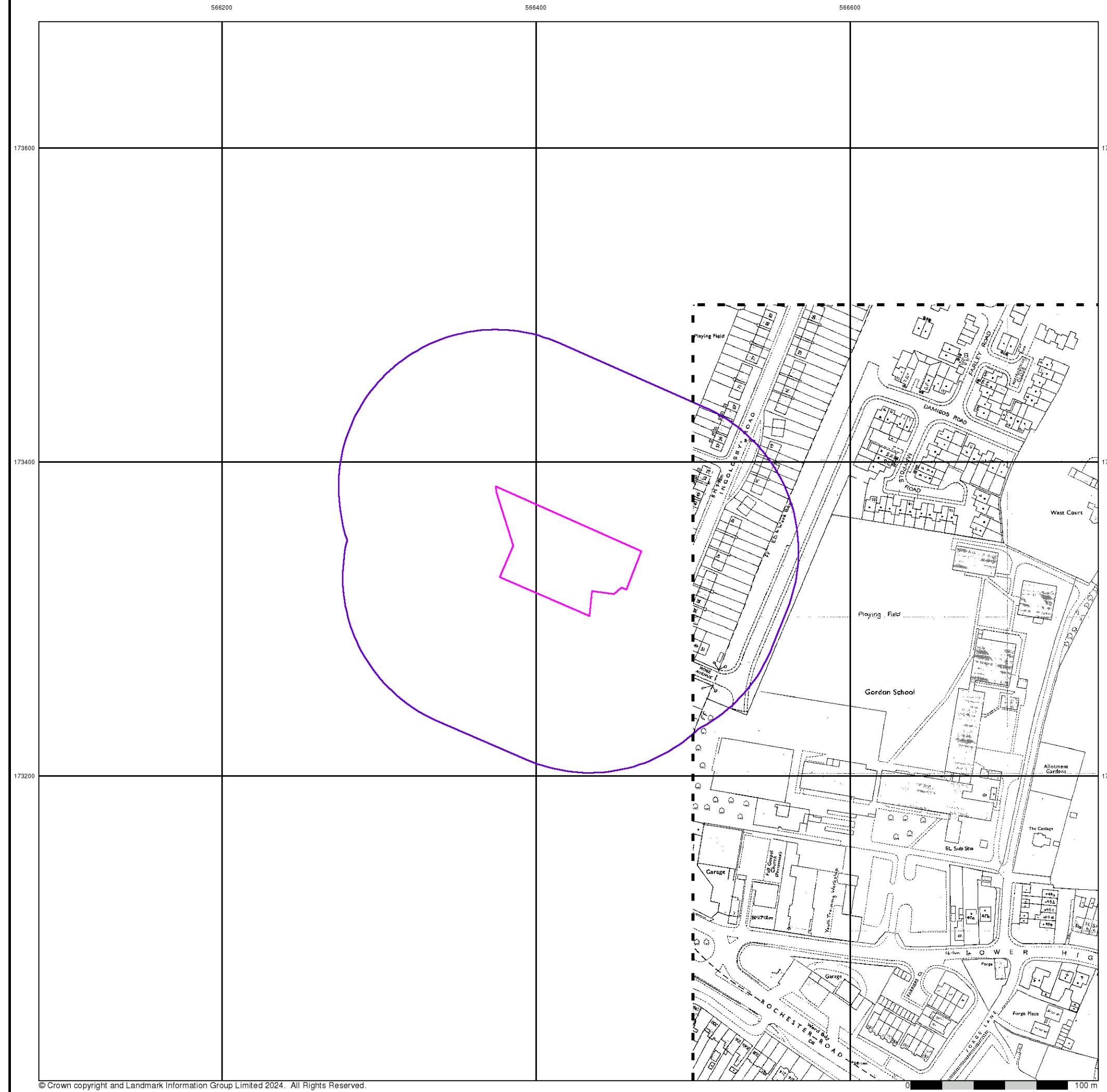
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Customer Ref: 24/13027/GO
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Site Details

Rose Avenue, GRAVESEND, DA12 2LN

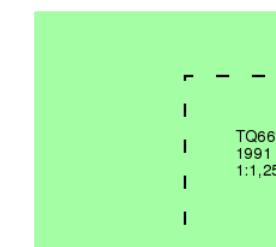
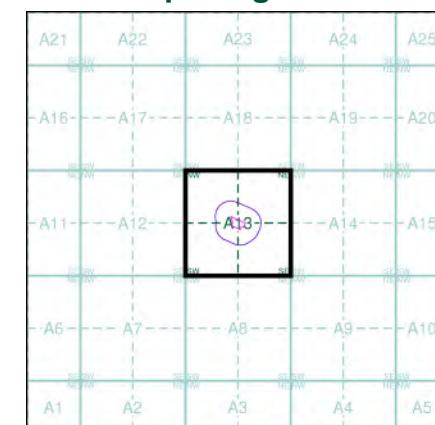
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Additional SIMs
Published 1991
Source map scale - 1:1,250

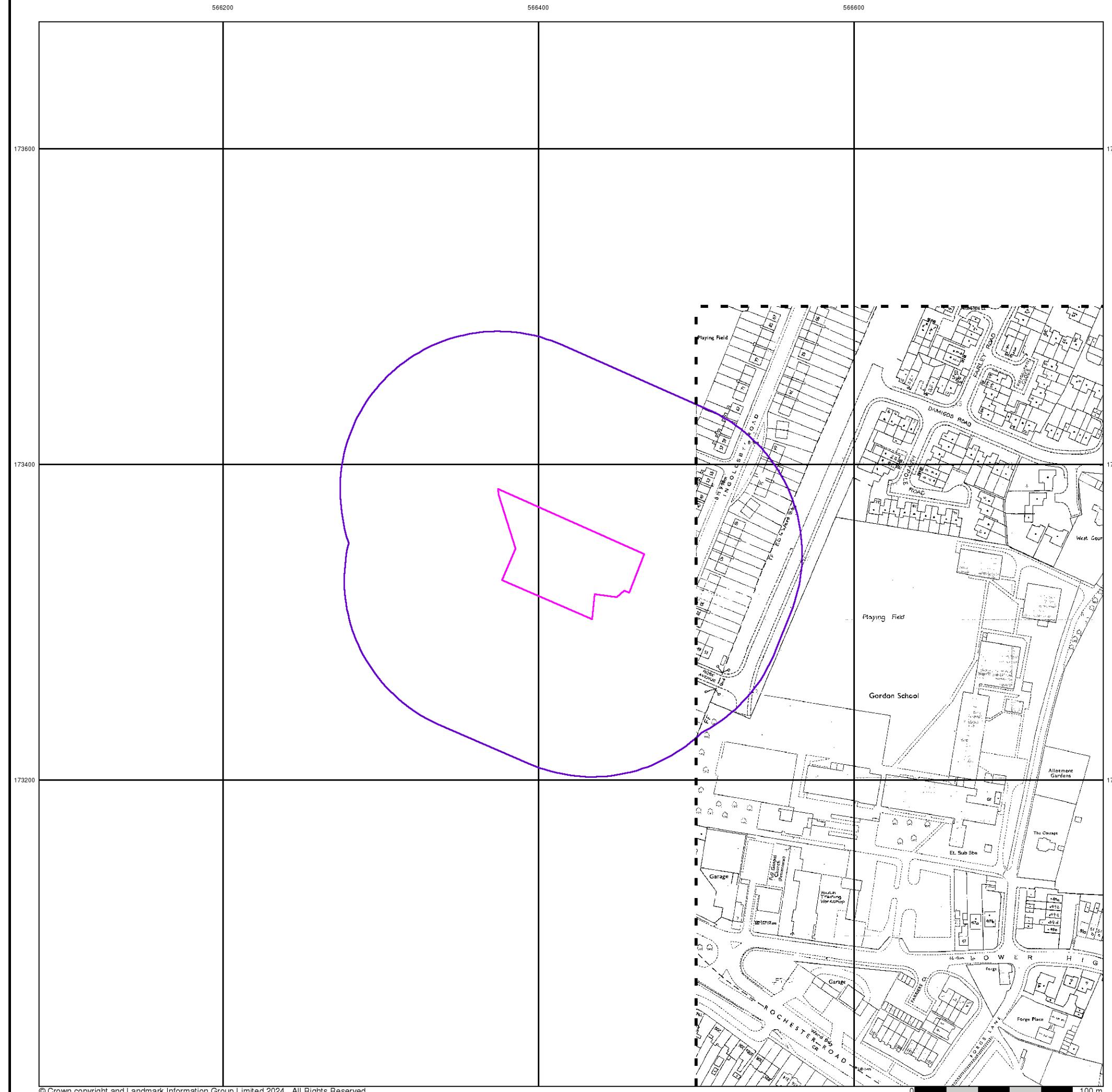
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

Historical Map - Segment A13

Order Details

Order Number: 363793261_1_1
 Customer Ref: 24/13027/GO
 National Grid Reference: 566410, 173340
 Slice: A
 Site Area (Ha): 0.4
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

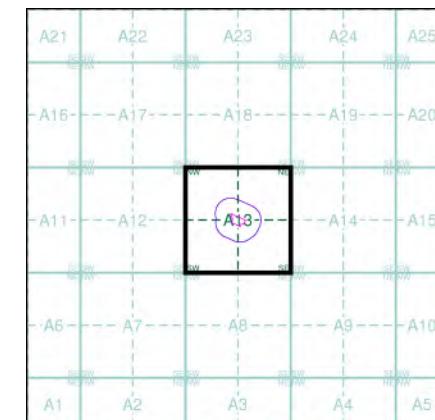
Source map scale - 1:1,250

'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)

TQ6673NW	TQ6673NE
1993	1993
1:1,250	1:1,250
TQ6673SW	TQ6673SE
1993	1993
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

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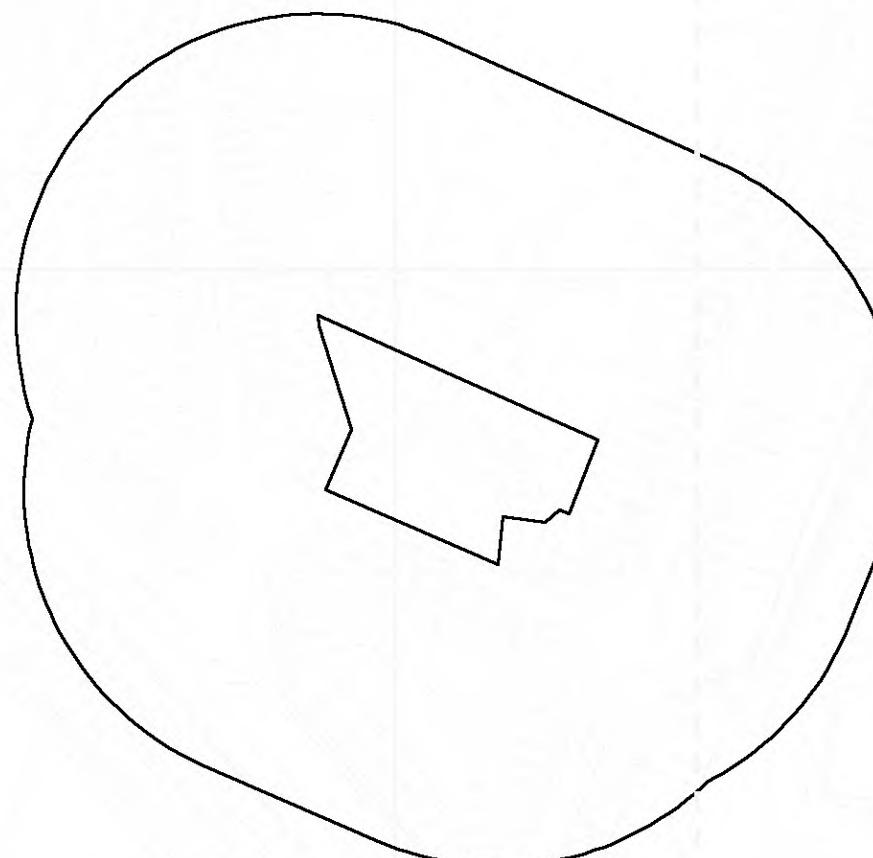
ALBURY S.I. LTD
Geotechnical & Environmental

Large-Scale National Grid Data

Published 1993

Source map scale - 1:1,250

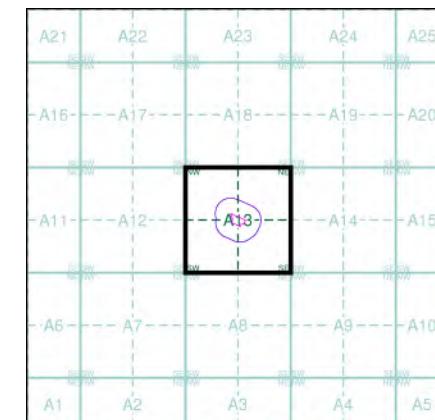
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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



Map Name(s) and Date(s)

TQ6673NW	TQ6673NE
1993	1993
1:1,250	1:1,250
TQ6673SW	TQ6673SE
1993	1993
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 363793261_1_1
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National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
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Historical Aerial Photography

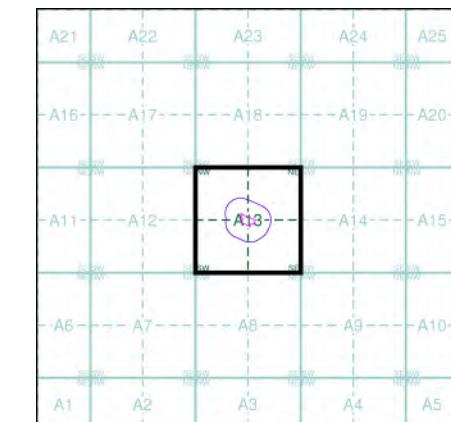
Published 1999

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



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Historical Aerial Photography - Segment A13



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

Site Details

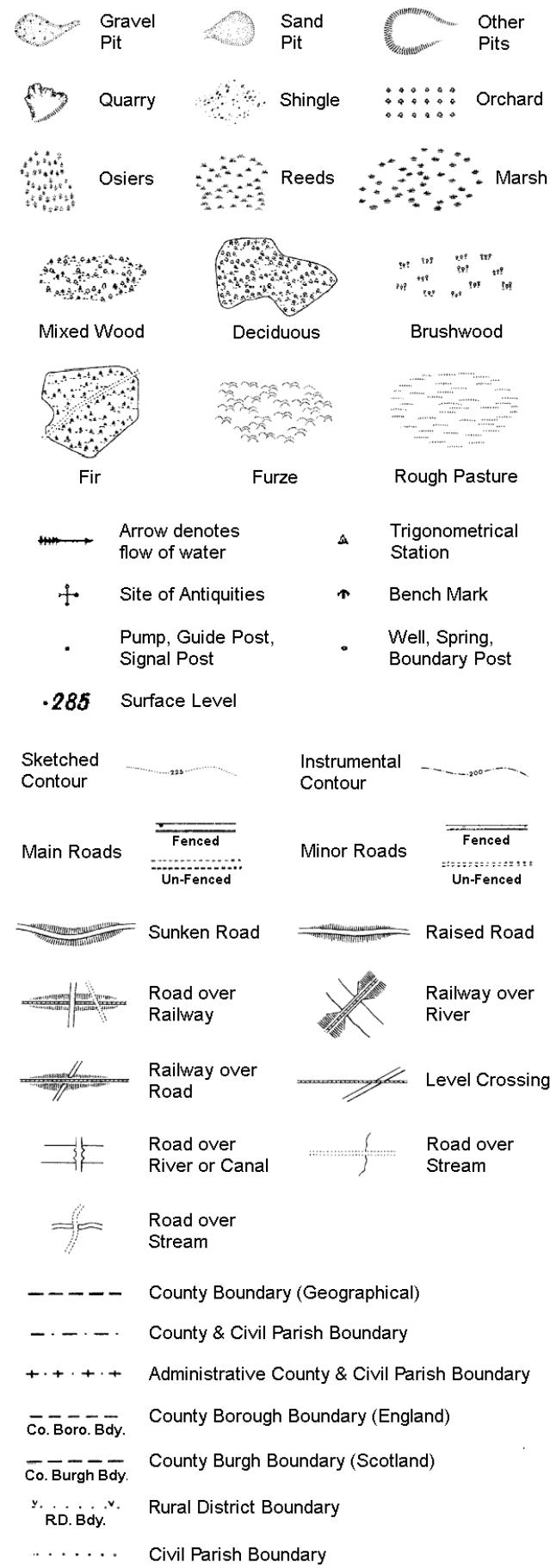
Rose Avenue, GRAVESEND, DA12 2LN

Landmark
INFORMATION GROUP

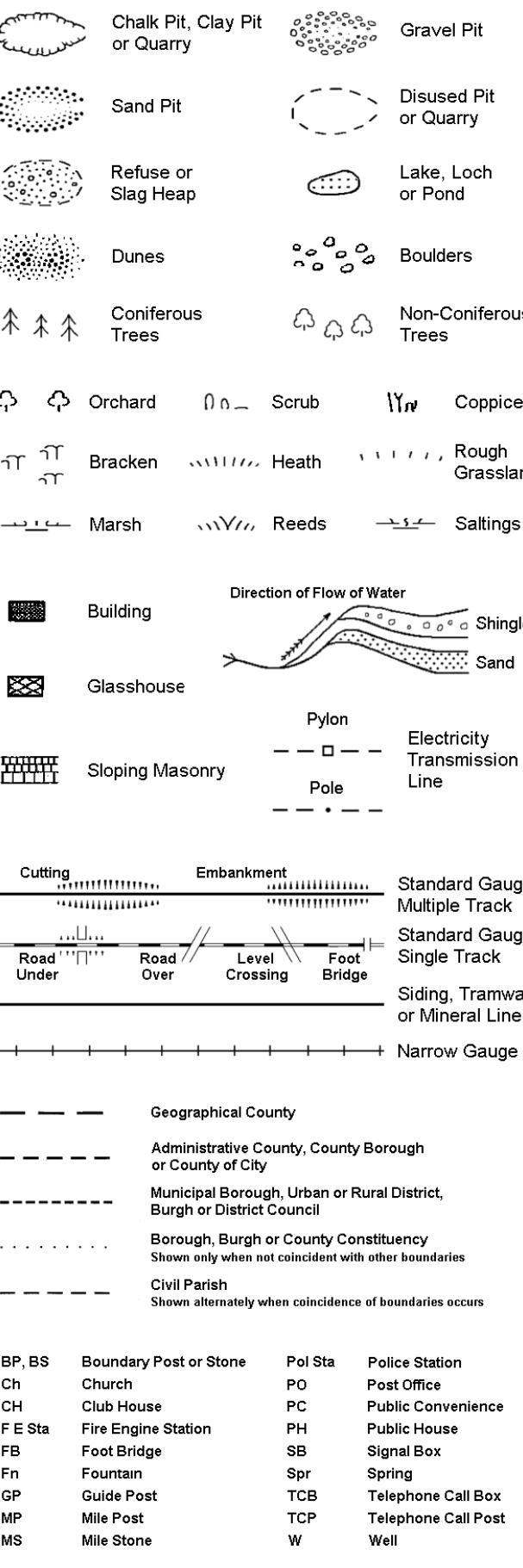
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Historical Mapping Legends

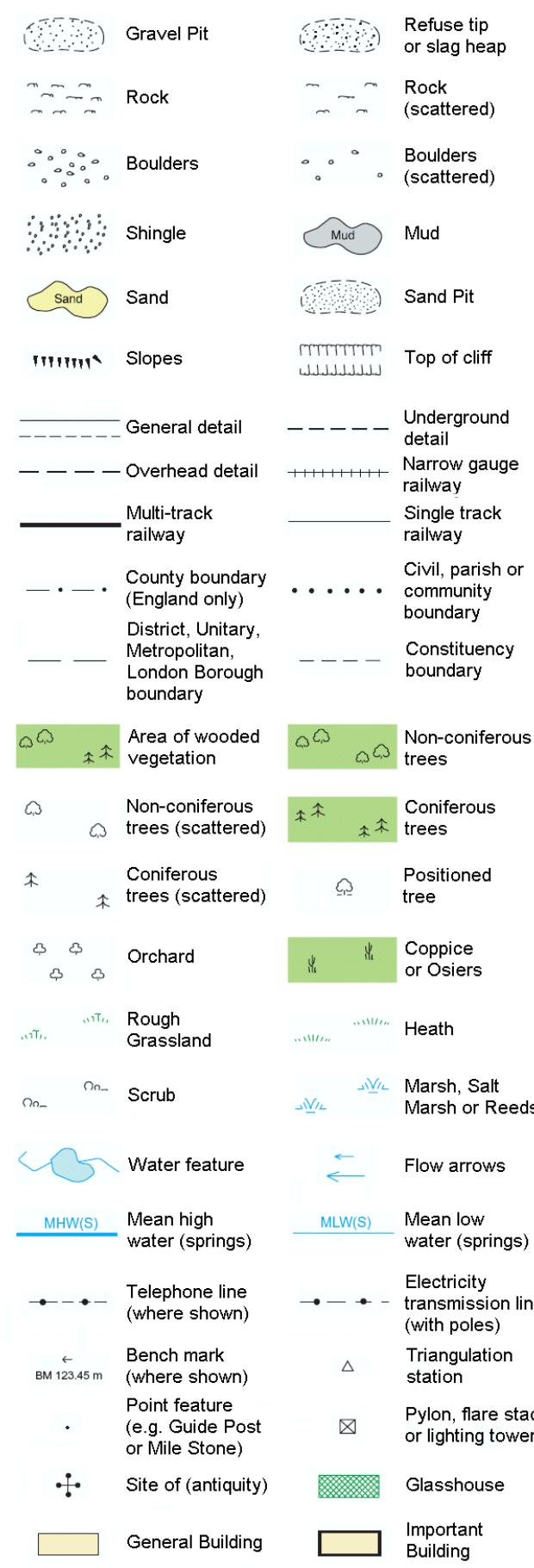
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



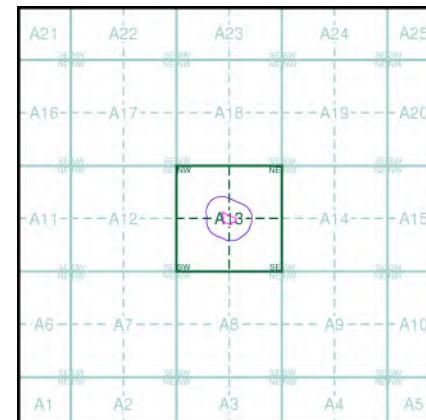
1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:10,560	1869	3
Essex	1:10,560	1872	4
Kent	1:10,560	1898 - 1899	5
Essex	1:10,560	1899	6
Kent	1:10,560	1909	7
Kent	1:10,560	1909	8
Kent	1:10,560	1909	9
Essex	1:10,560	1923	10
Kent	1:10,560	1932	11
Kent	1:10,560	1938	12
Essex	1:10,560	1938	13
Essex	1:10,560	1938	14
Kent	1:10,560	1946 - 1951	15
Historical Aerial Photography	1:10,560	1947	16
Ordnance Survey Plan	1:10,000	1961	17
Ordnance Survey Plan	1:10,000	1966	18
Ordnance Survey Plan	1:10,000	1975	19
Gravesend	1:10,000	1977	20
Ordnance Survey Plan	1:10,000	1982	21
10K Raster Mapping	1:10,000	1999	22
10K Raster Mapping	1:10,000	2006	23
VectorMap Local	1:10,000	2024	24

Historical Map - Slice A



Order Details

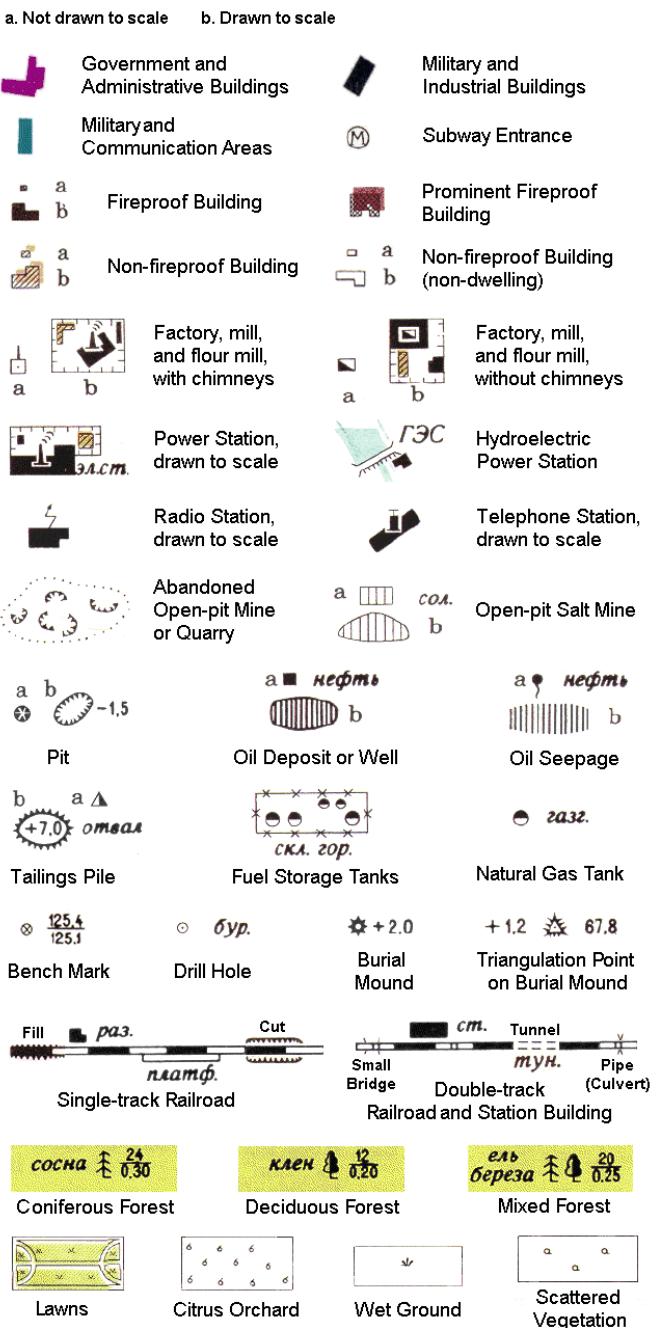
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Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN

Russian Military Mapping Legends

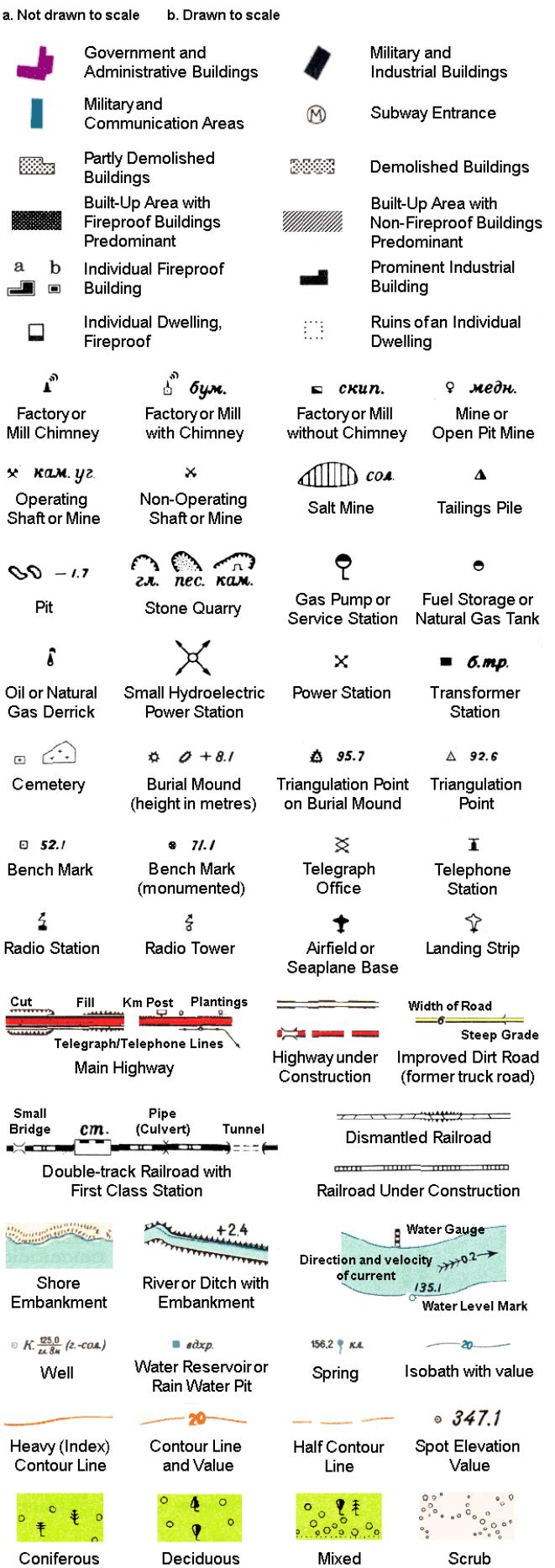
1:5,000 and 1:10,000 mapping



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)	Ђ (Ђ)
Д д (D)	Л л (L)	У у (U)	Ѡ (Ѡ)
Е е (E)	М м (M)	Ф ф (F)	Ѡ (Ѡ)
Ӗ є (YO)	Ҥ Ҥ (N)	Х х (KH)	Ѡ є (E)
Ӂ ӂ (ZH)	Ѻ Ѻ (O)	҂ ҂ (TS)	Ѡ ї (YU or IU)
҂ ҂ (IA)	҂ ҂ (IA)	҂ ҂ (IA)	Ѡ ї (YA or IA)

1:25,000 mapping



Key to Numbers on Mapping

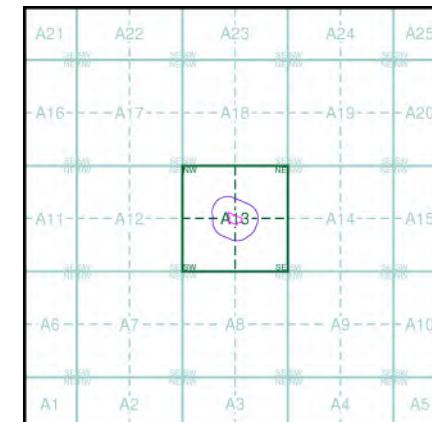
TQ67SE_Gravesend

No.	Description
40	Sewage Works

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:10,560	1869	3
Essex	1:10,560	1872	4
Kent	1:10,560	1898 - 1899	5
Essex	1:10,560	1899	6
Kent	1:10,560	1909	7
Kent	1:10,560	1909	8
Kent	1:10,560	1909	9
Essex	1:10,560	1923	10
Kent	1:10,560	1932	11
Kent	1:10,560	1938	12
Essex	1:10,560	1938	13
Essex	1:10,560	1938	14
Kent	1:10,560	1946 - 1951	15
Historical Aerial Photography	1:10,560	1947	16
Ordnance Survey Plan	1:10,000	1961	17
Ordnance Survey Plan	1:10,000	1966	18
Ordnance Survey Plan	1:10,000	1975	19
Gravesend	1:10,000	1977	20
Ordnance Survey Plan	1:10,000	1982	21
10K Raster Mapping	1:10,000	1999	22
10K Raster Mapping	1:10,000	2006	23
VectorMap Local	1:10,000	2024	24

Russian Map - Slice A



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
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Search Buffer (m): 1000

Site Details

Rose Avenue, GRAVESEND, DA12 2LN



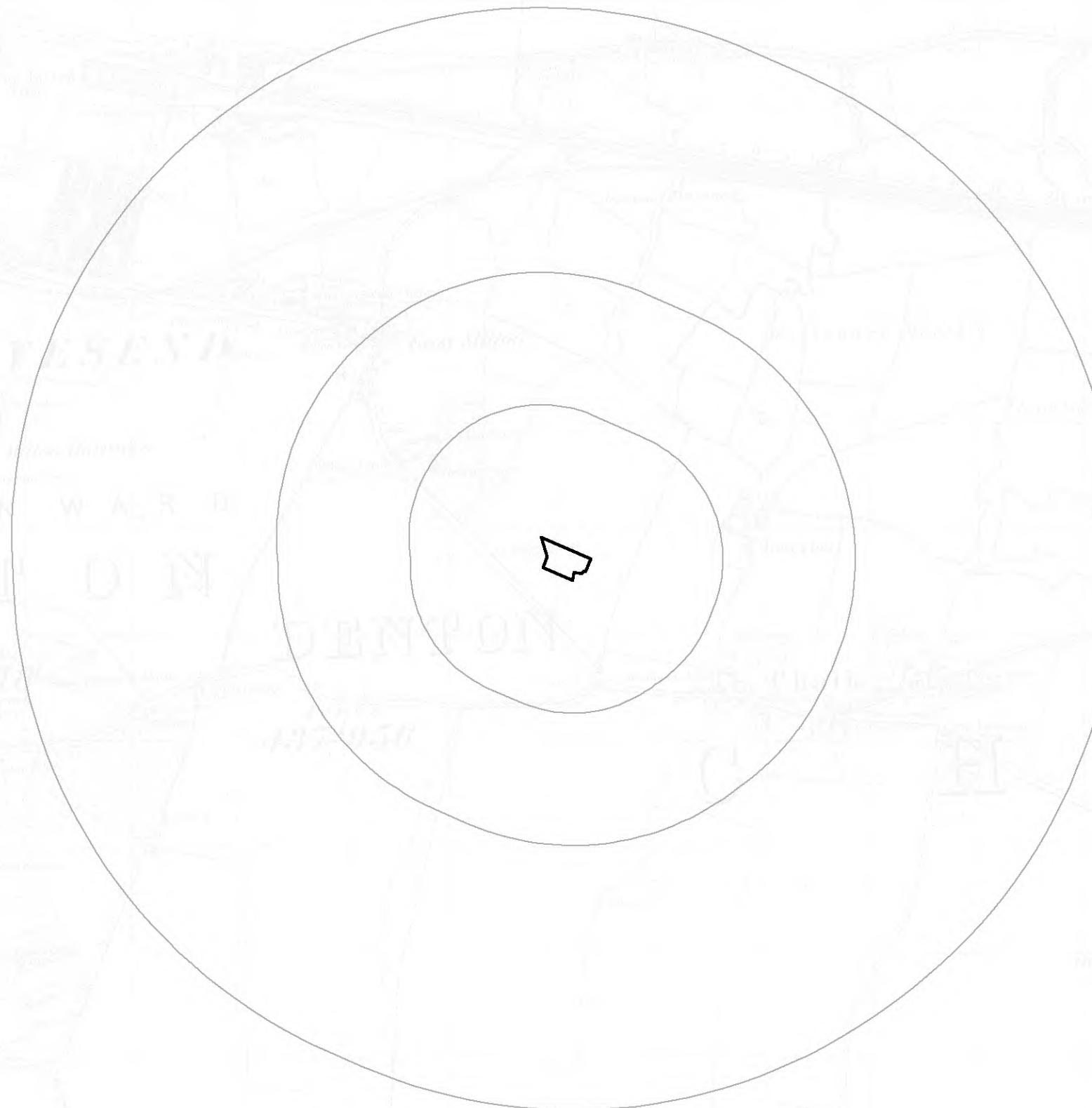
ALBURY S.I. LTD
Geotechnical & Environmental

Kent

Published 1869

Source map scale - 1:10,560

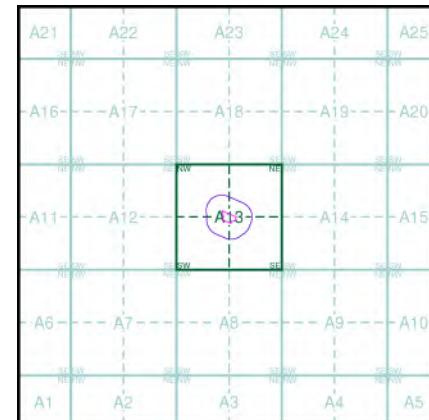
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

01000	1869	1:10,560
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Historical Map - Slice A



Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

Site Details

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Essex

Published 1872

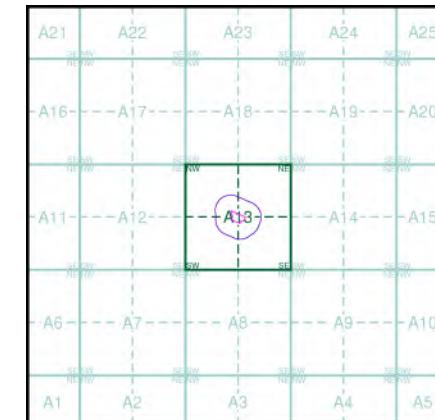
Source map scale - 1:10,560

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)

08900
1872
1:10,560

Historical Map - Slice A



Order Details

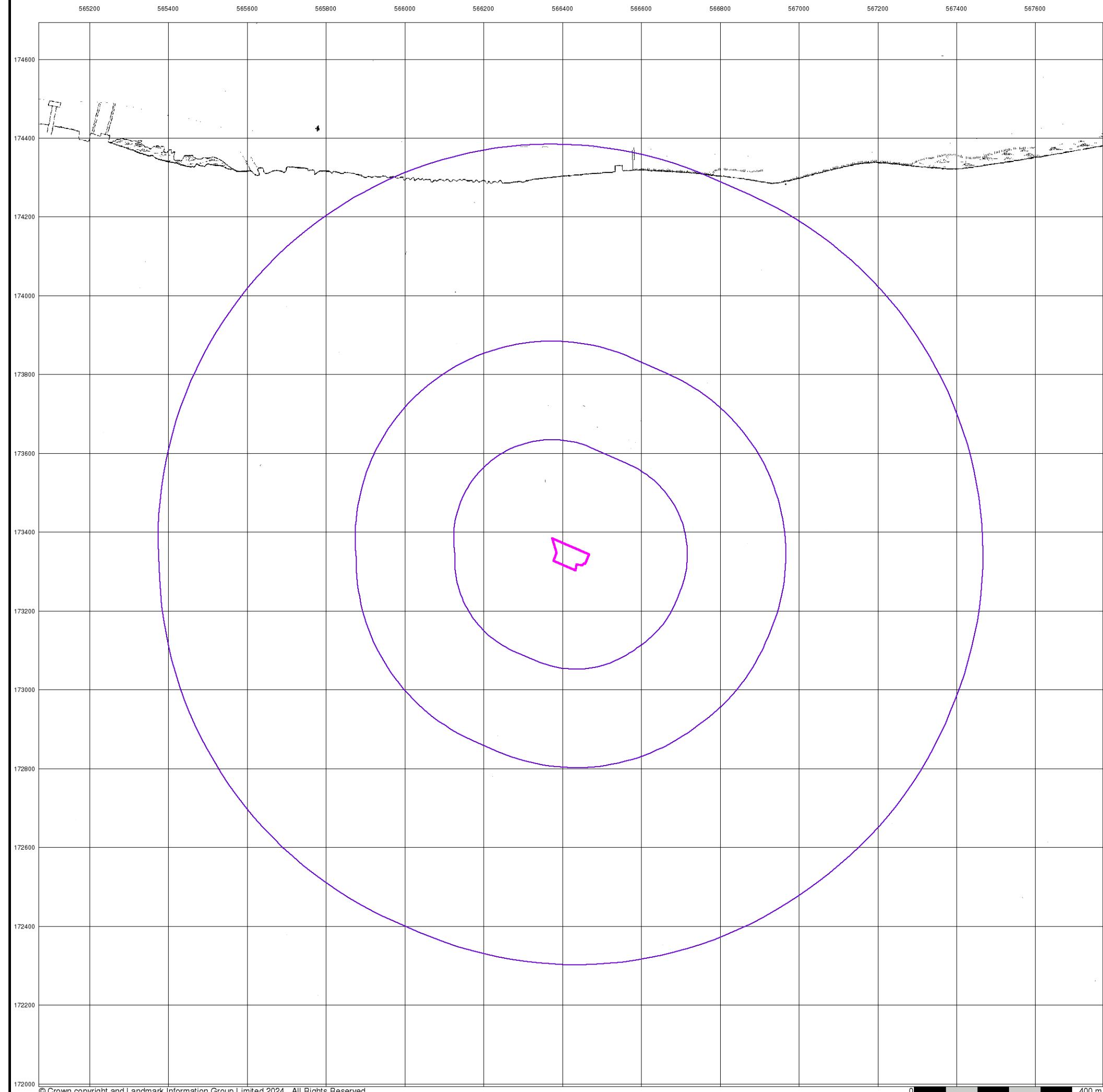
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Kent

Published 1898 - 1899

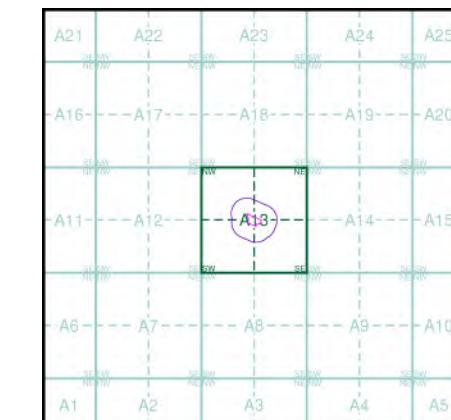
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

010NE	1899
1	1:10,560
010SE	1898
1	1:10,560

Historical Map - Slice A



Order Details

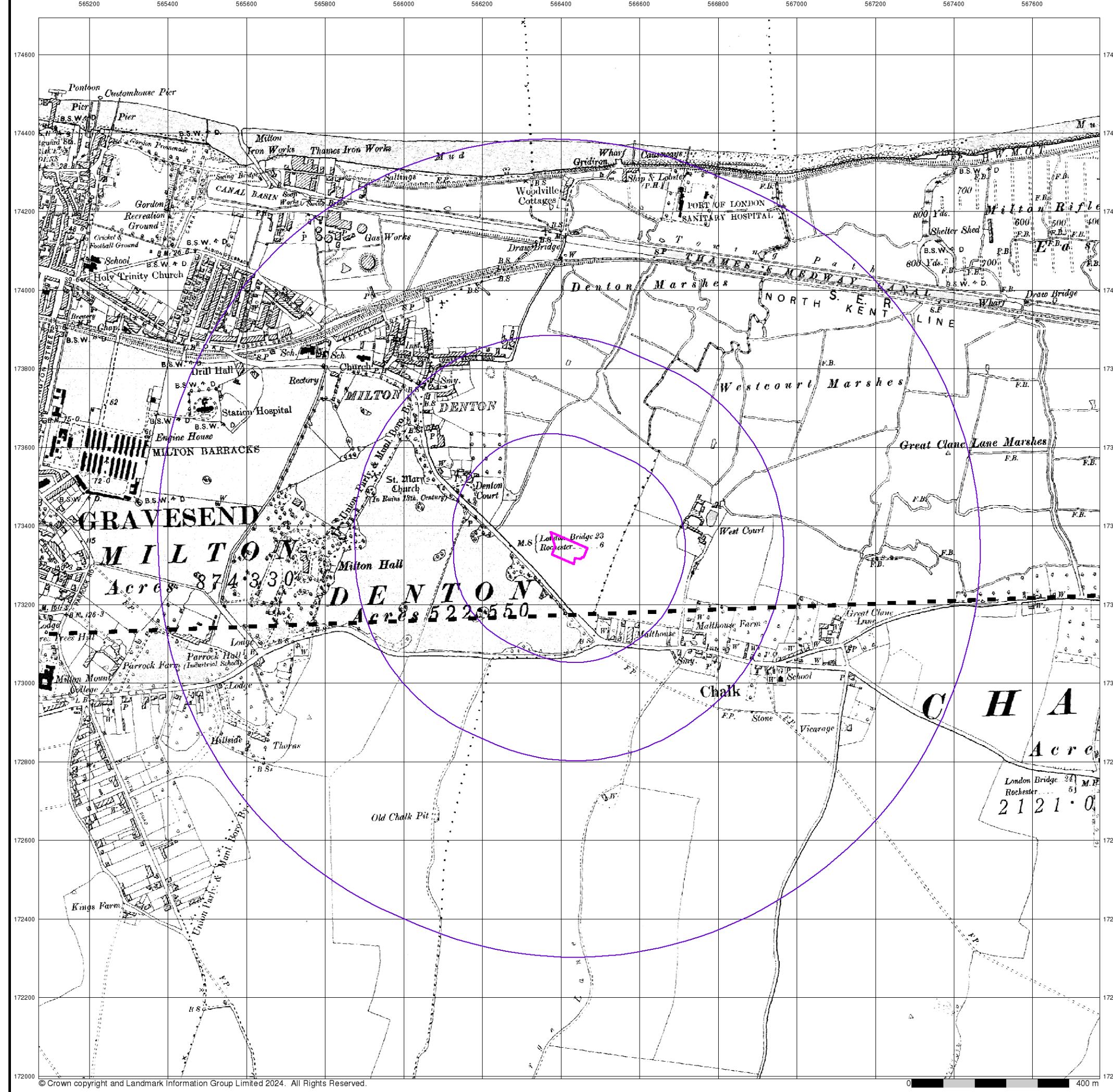
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National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

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Essex

Published 1899

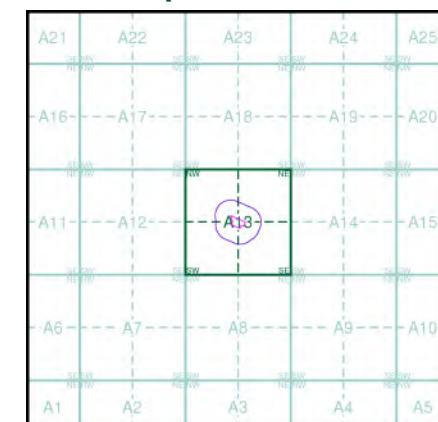
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Map Name(s) and Date(s)

089NW	1899	1:10,560
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Historical Map - Slice A

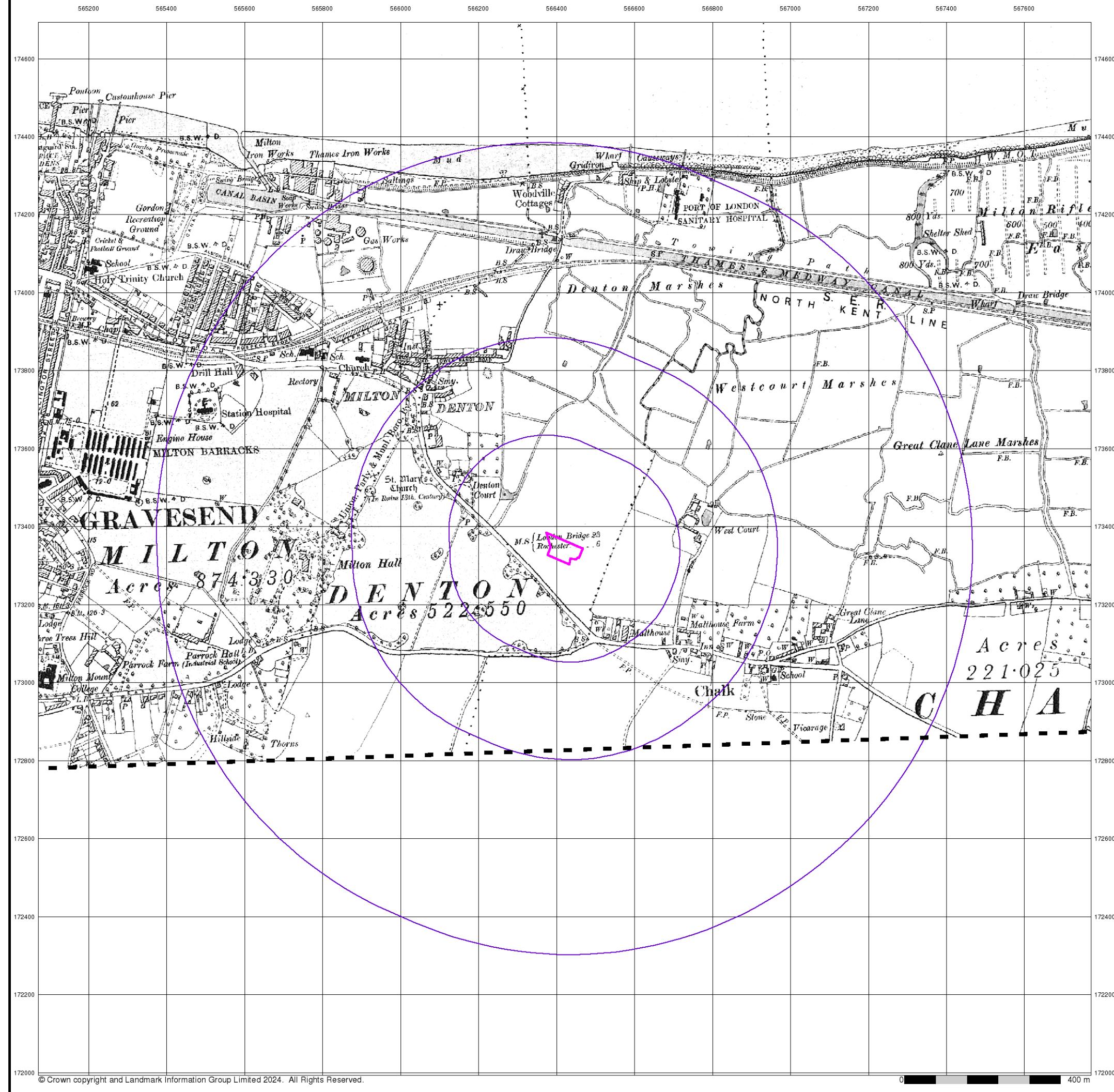


Order Details

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National Grid Reference: 566410, 173340
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Site Area (Ha): 0.4
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Site Details

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Kent

Published 1909

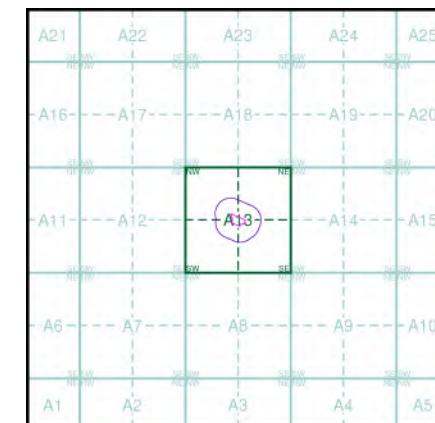
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Map Name(s) and Date(s)

010NE	1909
1	1:10,560
010SE	1909
1	1:10,560

Historical Map - Slice A

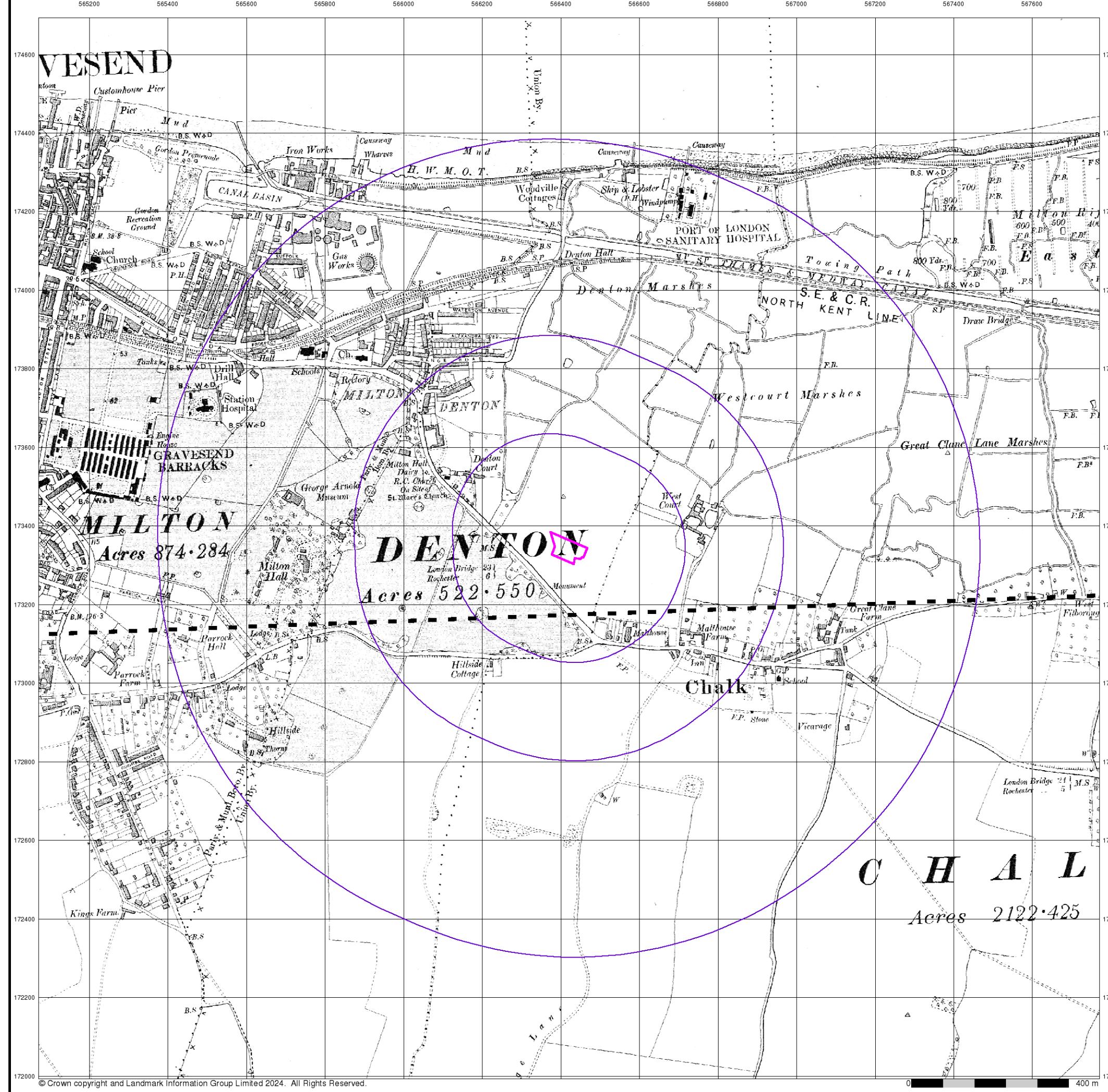


Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
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Site Details

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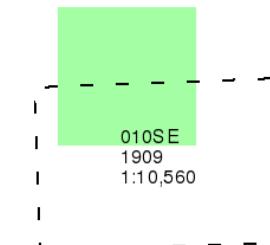
Kent

Published 1909

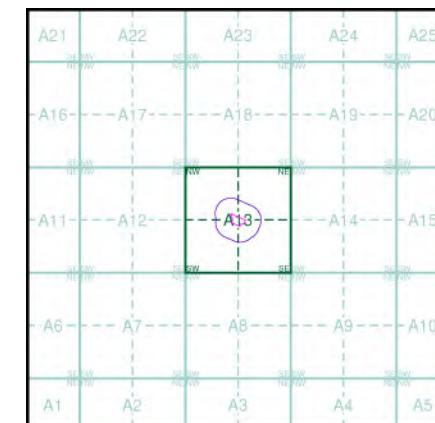
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

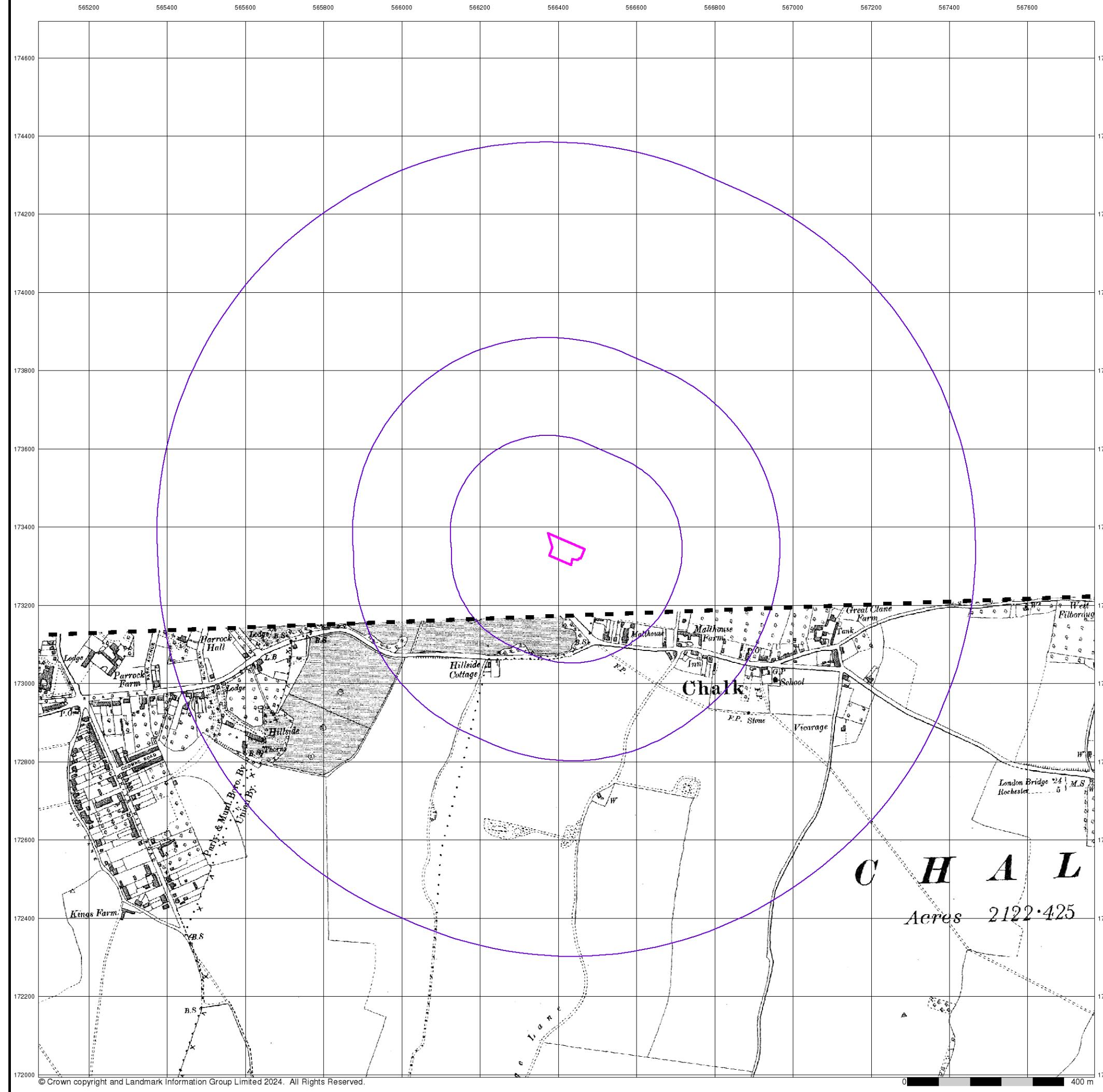
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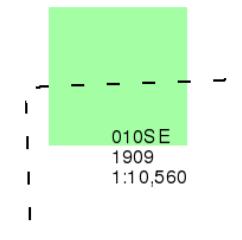
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Published 1909

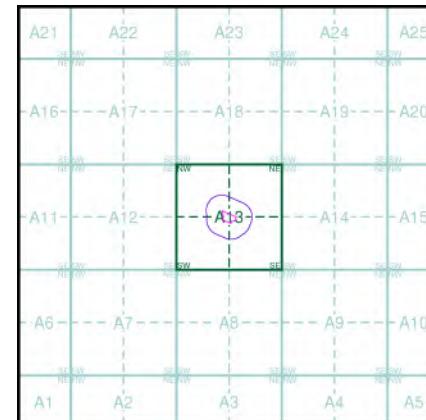
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

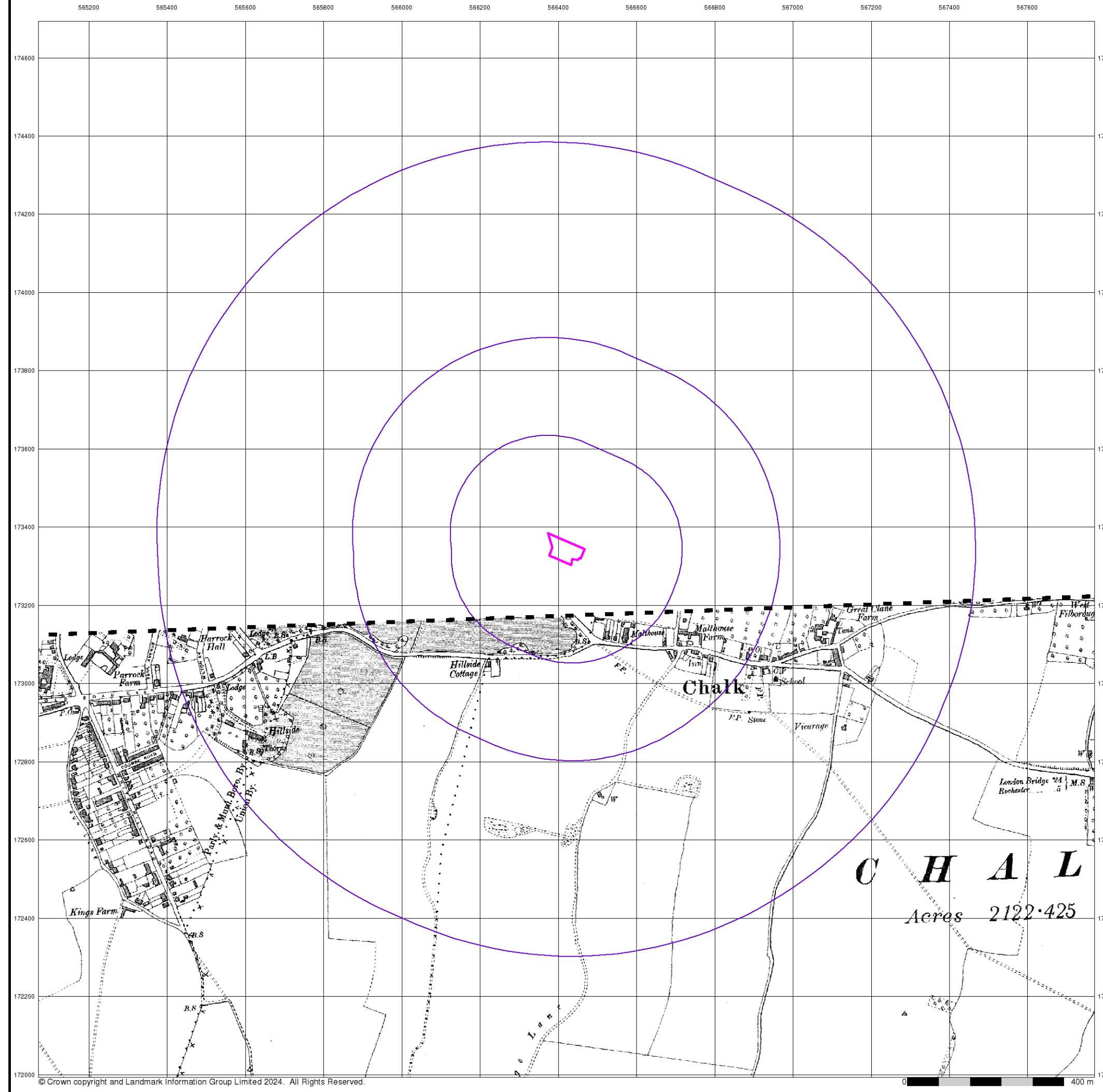
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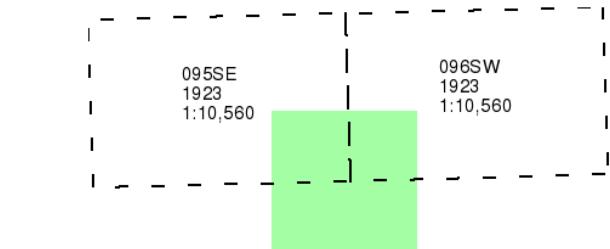
Essex

Published 1923

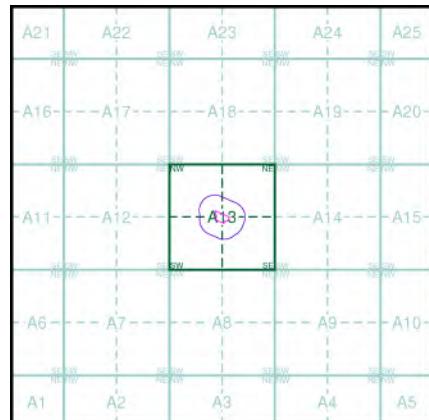
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

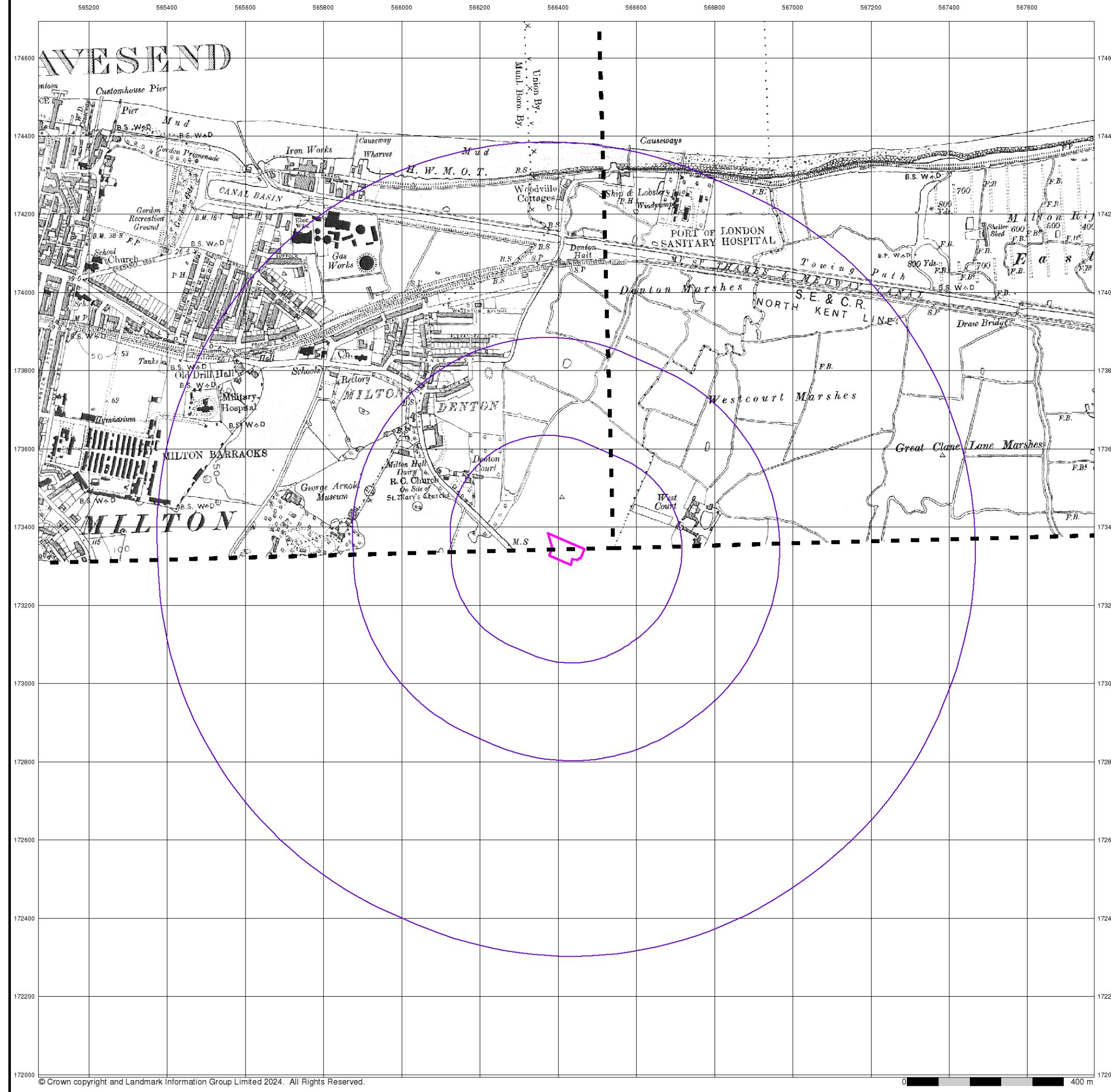
Order Number: 363793261_1_1
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Search Buffer (m): 1000

Site Details

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Kent

Published 1932

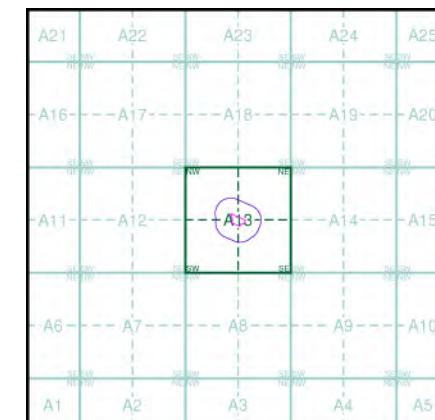
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Map Name(s) and Date(s)

010NE	1932
1	1:10,560
010SE	1932
1	1:10,560

Historical Map - Slice A

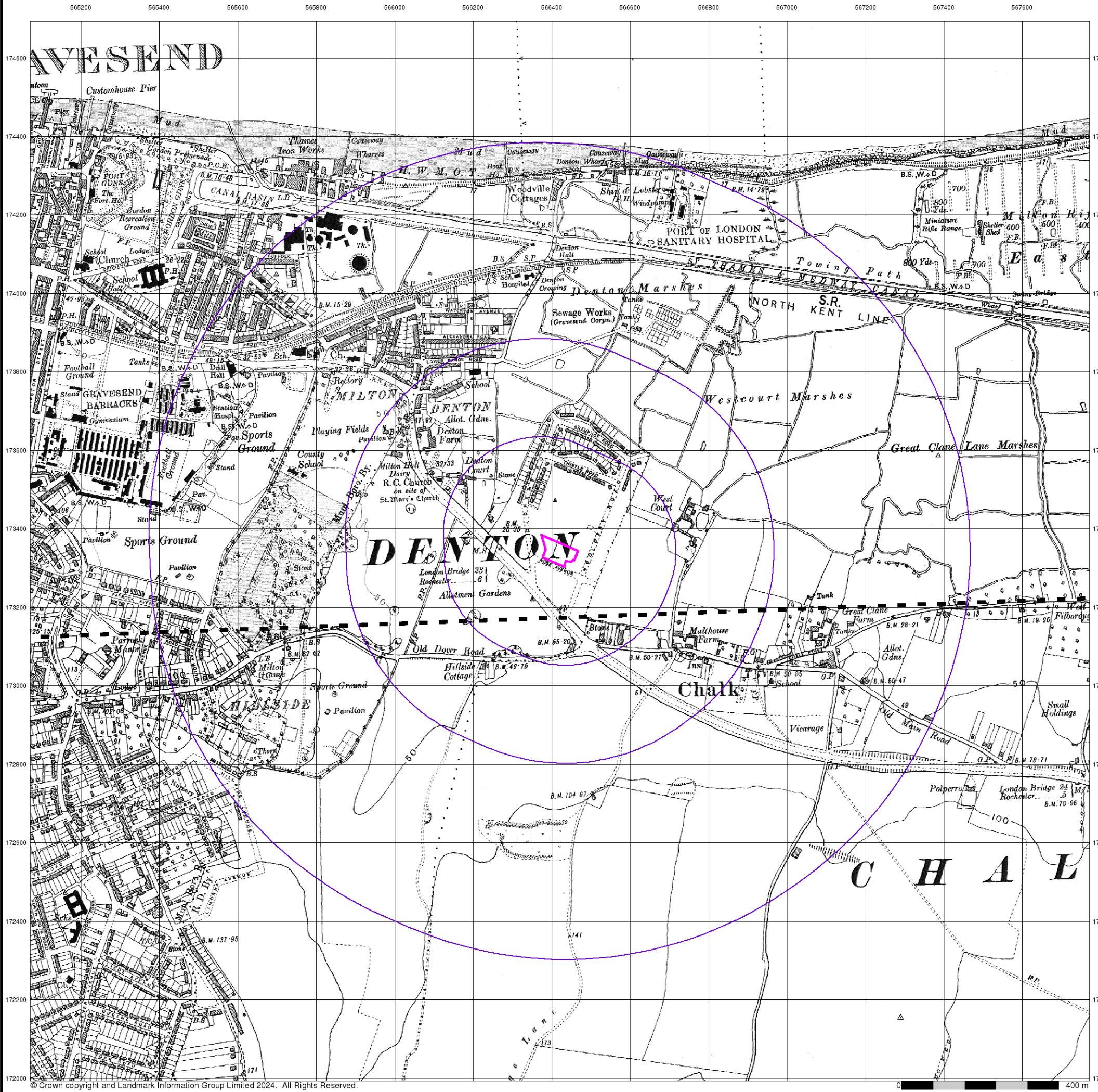


Order Details

Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
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Site Area (Ha): 0.4
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Site Details

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Kent

Published 1938

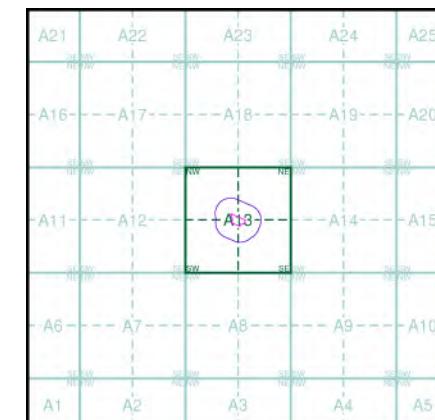
Source map scale - 1:10,560

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Map Name(s) and Date(s)

010NE	1938
1	1:10,560
010SE	1938
1	1:10,560

Historical Map - Slice A



Order Details

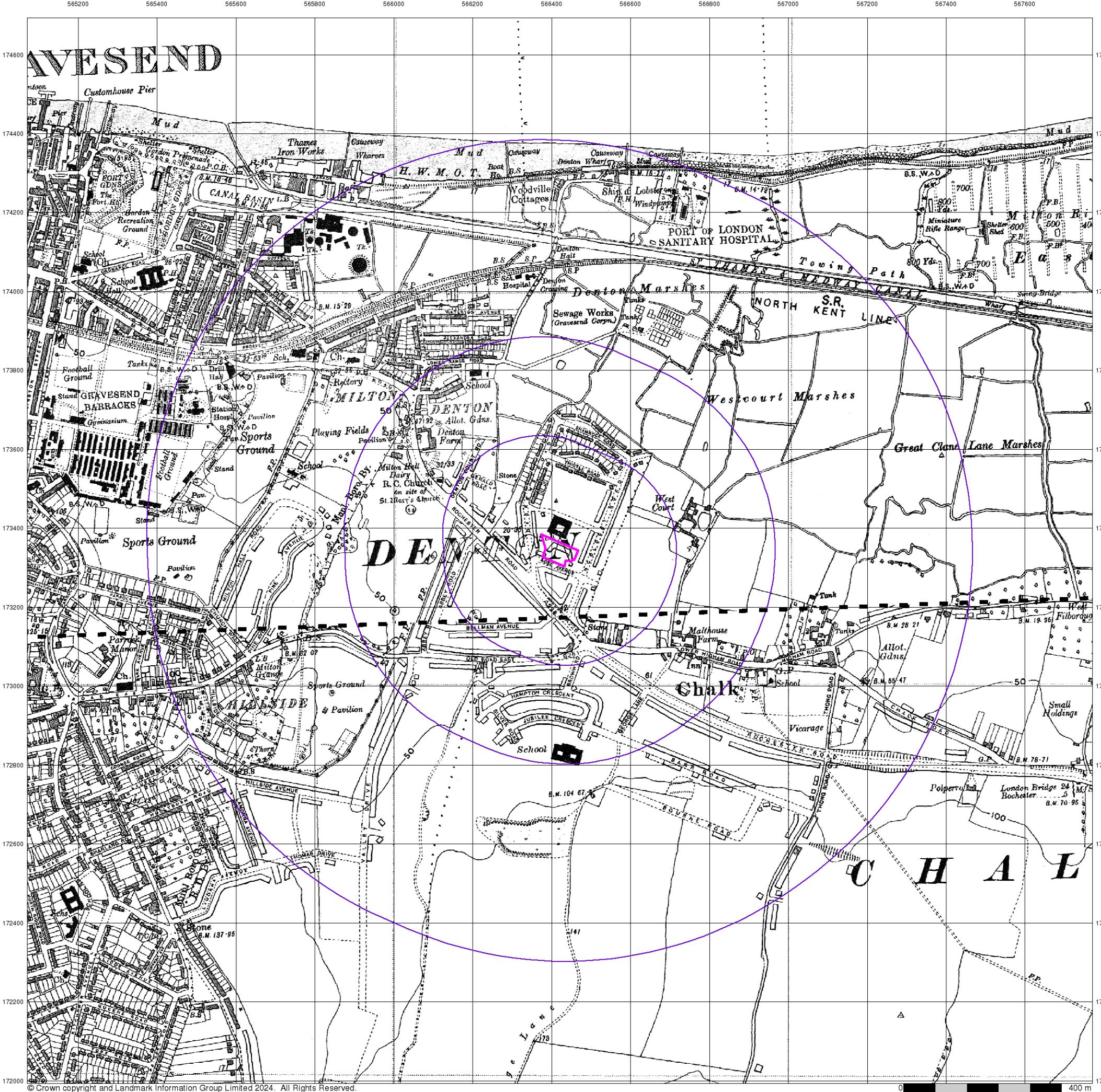
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National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

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Essex

Published 1938

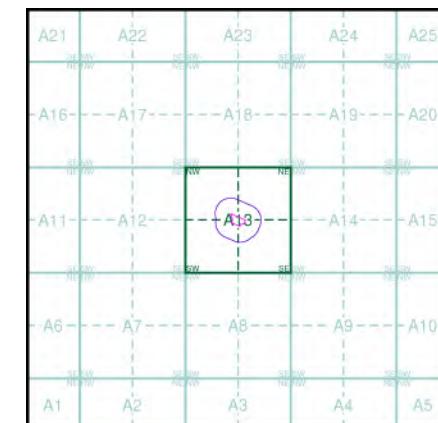
Source map scale - 1:10,560

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)

095SE	1938
1:10,560	

Historical Map - Slice A



Order Details

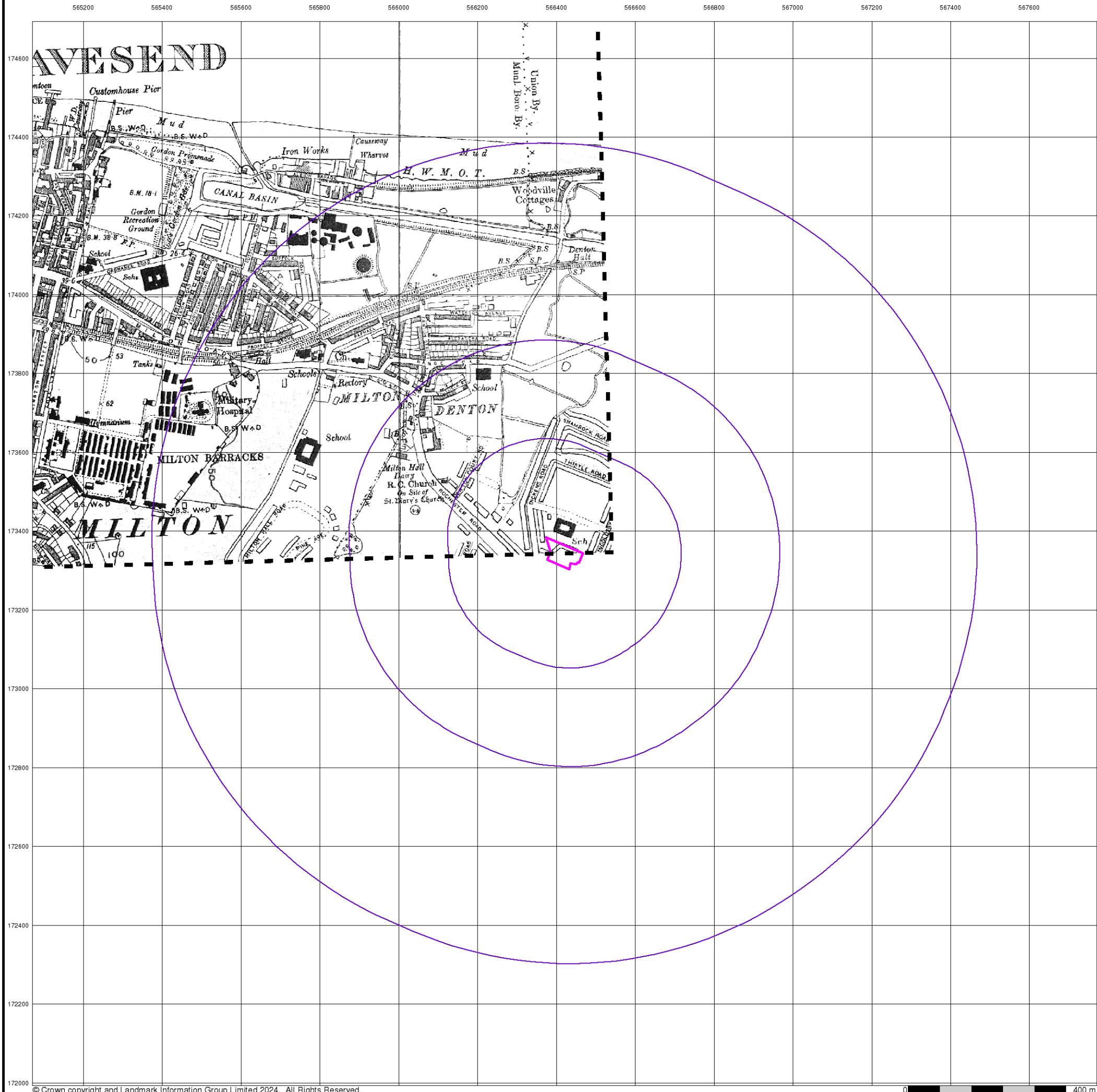
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Slice: A
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ALBURY S.I. LTD
Geotechnical & Environmental

Essex

Published 1938

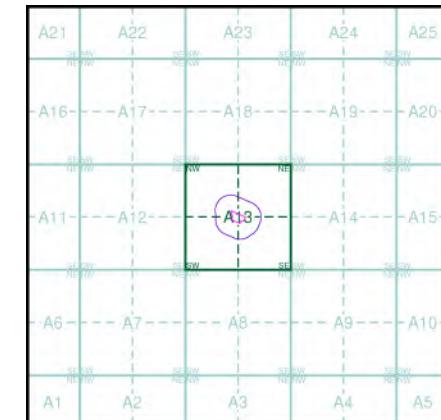
Source map scale - 1:10,560

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)

095SE	1938
1:10,560	

Historical Map - Slice A



Order Details

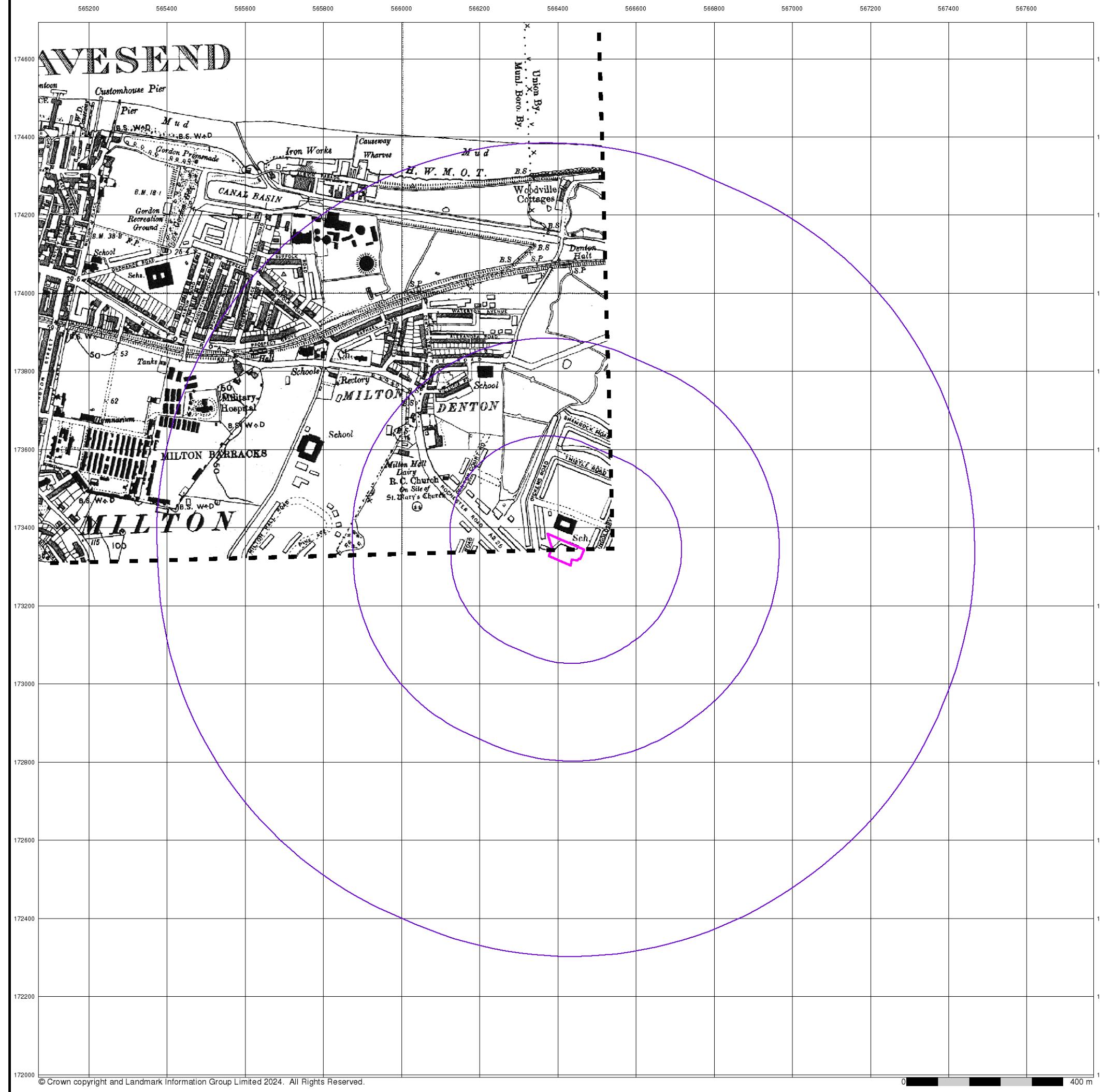
Order Number: 363793261_1_1
Customer Ref: 24/13027/GO
National Grid Reference: 566410, 173340
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

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Kent

Published 1946 - 1951

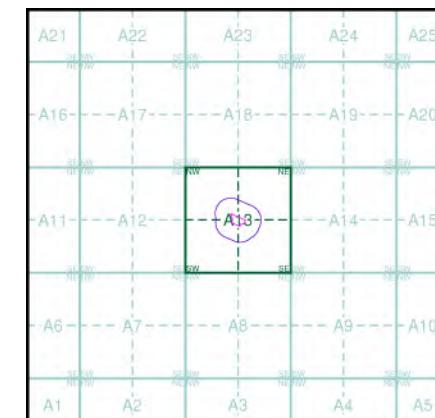
Source map scale - 1:10,560

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Map Name(s) and Date(s)

010NE	1951
1	1:10,560
010SE	1946
1	1:10,560

Historical Map - Slice A

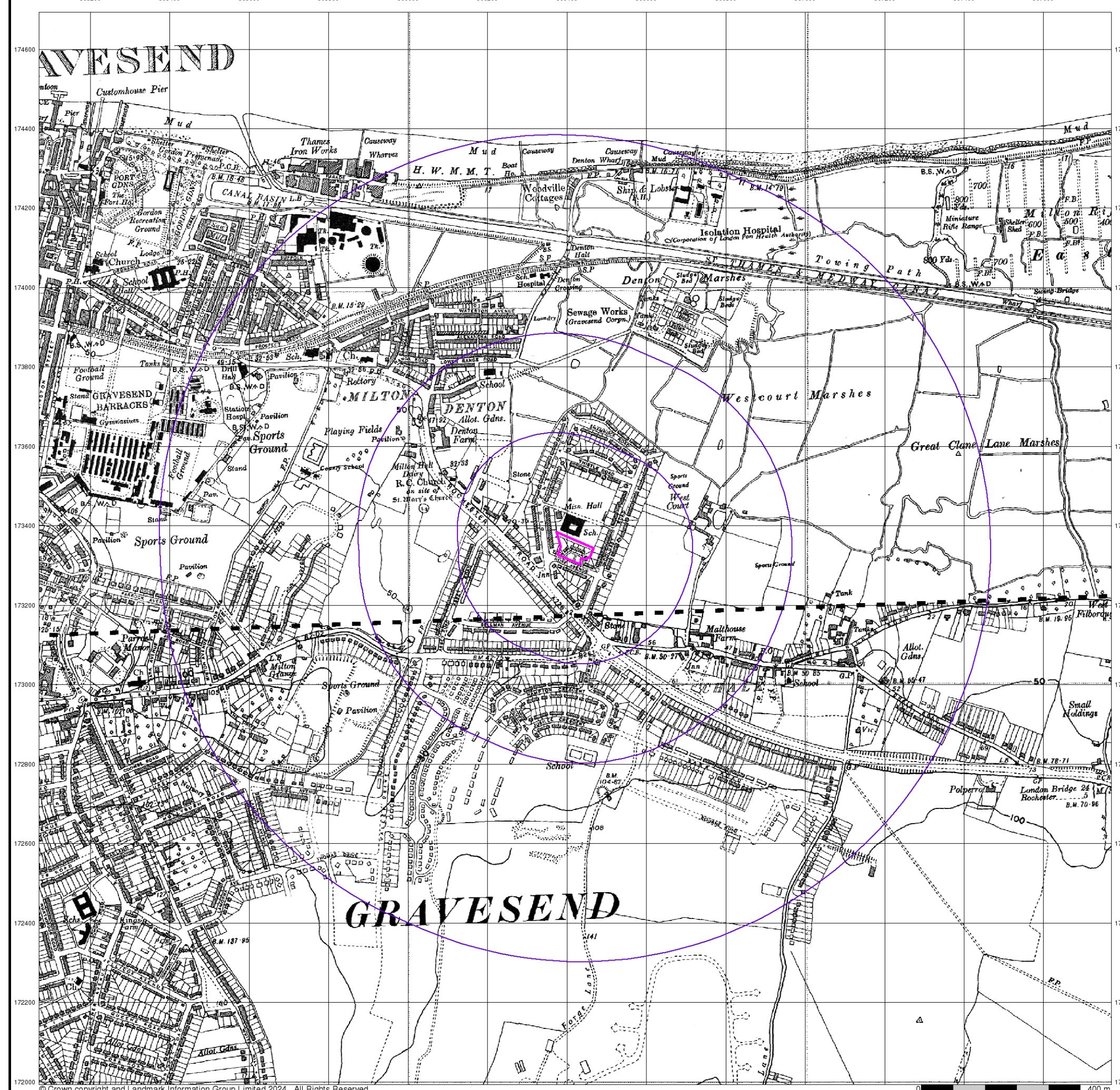


Order Details

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Historical Aerial Photography

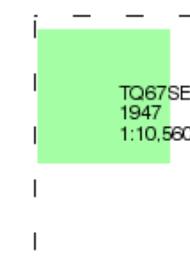
Published 1947

Source map scale - 1:10,560

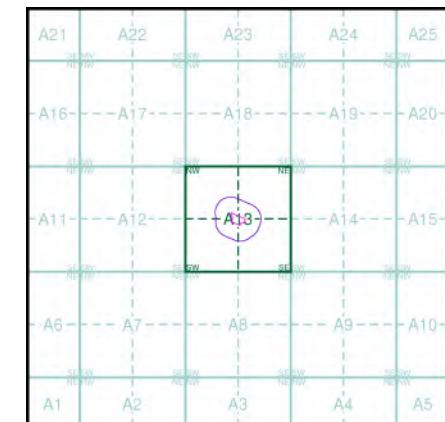
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



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Ordnance Survey Plan

Published 1961

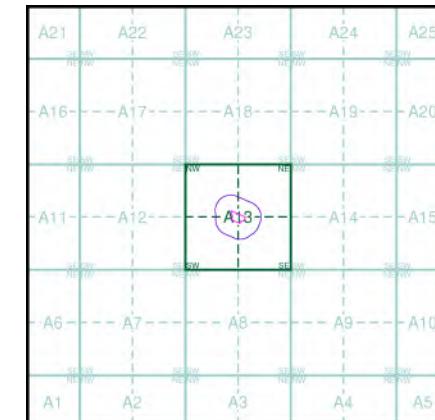
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ67SE
1961
1:10,560

Historical Map - Slice A



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Ordnance Survey Plan

Published 1966

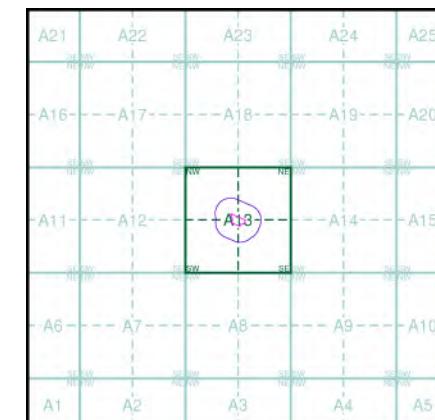
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ67SE
1966
1:10,560

Historical Map - Slice A



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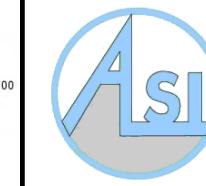
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Ordnance Survey Plan

Published 1975

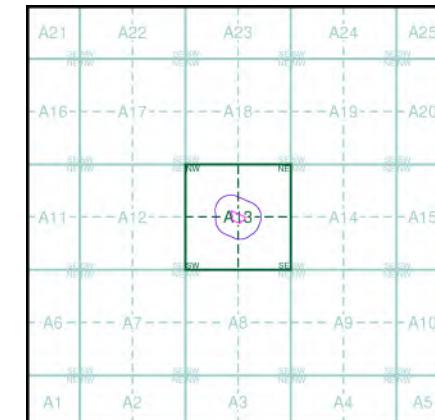
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ67SE
1975
1:10,000

Historical Map - Slice A



Order Details

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ALBURY S.I. LTD
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Gravesend

Published 1977

Source map scale - 1:10,000

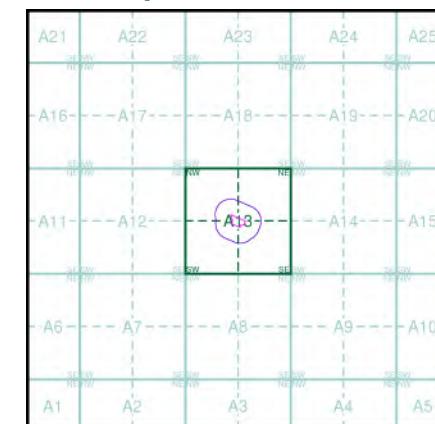
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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)

TQ67SE
1977
1:10,000

Russian Map - Slice A



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Ordnance Survey Plan

Published 1982

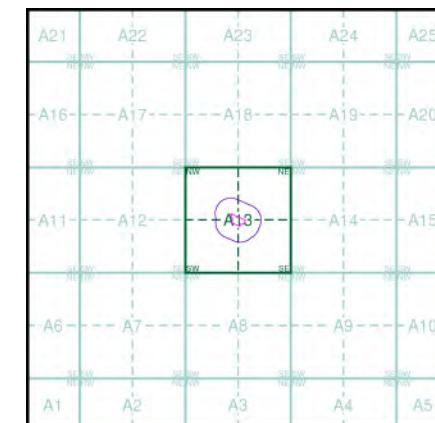
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ67SE
1982
1:10,000

Historical Map - Slice A



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