
Appendix D – Ground Investigation Report and Winter Groundwater Monitoring Statement



Geo-Environmental

GROUND APPRAISAL REPORT

for the site at

LAND AT FOXHOLE FARM

BOLNEY, WEST SUSSEX

RH17 5NB

on behalf of

WATES DEVELOPMENTS LIMITED

Report:	GROUND APPRAISAL REPORT
Site:	LAND AT FOXHOLE FARM, BOLNEY, WEST SUSSEX, RH17 5NB
Client:	WATES DEVELOPMENTS LIMITED
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FIGURES

FIGURE 1 Site Location Plan

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APPENDIX D Geotechnical Laboratory Results
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EXECUTIVE SUMMARY		
	Site Address	Land at Foxhole Farm, Bolney, West Sussex, RH17 5NB.
	Form of Development	Construction of a residential development with houses, private gardens, access roads and associated infrastructure.
Encountered Conditions	Scope of works	An intrusive investigation to confirm the ground and groundwater conditions and support the development of geotechnical and geo-environmental assessments of the site in relation to the proposed development.
	Ground Conditions	The ground conditions comprised a limited thickness of Topsoil overlying the Upper Tunbridge Wells Sand Formation.
	Groundwater	Groundwater was encountered within WS15 and WS16 during the investigation at depths of between 1.10m and 2.10m bgl, then standing at depths of between 2.00m and 2.10m bgl after twenty minutes. Standpipes were installed within all boreholes to depths of between 1.40m and 4.45m bgl with twelve monitoring visits planned over the winter period. To date, the first two visits have been undertaken. Groundwater was recorded at depths of between 0.00m bgl and 2.00m bgl.
Geotechnical Considerations	Foundations	Based on the ground and groundwater conditions encountered within the intrusive locations it is considered that traditional foundations would likely be suitable for the proposed low-rise development on site remote of trees. It is recommended that en masse the Upper Tunbridge Wells Sand Formation be treated as medium volume change potential and a minimum foundation depth remote from trees of 0.90m is recommended. A minimum foundation width of 450mm is recommended. Within the zone of moisture demand of any existing, proposed or recently felled trees it is recommended that foundation depths be calculated in accordance with the NHBC Standards, Chapter 4.2 for medium volume change potential soils. Heave protection measures such as a void former are required against the side of foundations for medium volume change potential soils. Based on the typical settlement parameters for the types of soil encountered, a maximum net allowable bearing capacity of 125kPa is applicable for trench, strip or isolated pad foundations up to 1.50m in width taken through any Topsoil, Made Ground, soft or loose zones, desiccated or disturbed soils and placed wholly into or onto the Firm to Very Stiff slightly gravelly sandy clays and gravelly, very clayey sands of the Upper Tunbridge Wells Sand Formation.
	Excavations	Shallow and deeper excavations within the more cohesive Upper Tunbridge Wells Sand Formation should remain relatively stable in the short to medium term, though some localised spalling may be anticipated within any more granular zones particularly where left open for prolonged periods or where water is encountered. In such circumstances, excavations should be battered back to a temporary safe angle of repose, or suitable shoring techniques should be adopted to

		provide stability. Pumping from sumps would also be required where water is encountered.
	Pavements	Based on the TRRL report, a CBR value of 4% is recommended. Based on the geotechnical results, the near surface Upper Tunbridge Wells Sand Formation should be considered as being non-frost susceptible for pavement design purposes.
	Floor Slabs	Based on the laboratory testing results and shrinkable soils, it is recommended that suspended ground floor slabs be adopted. The void space beneath the suspended floor must be designed in accordance with the NHBC Standards, Chapter 4.2.
	Drainage	Soakage testing did not form part of the remit however, based on the encountered predominantly cohesive ground conditions, conventional shallow soakaways are unlikely to be feasible and an alternative means of storm water disposal should be sought.
	Buried Concrete	It is recommended that a design class of DS-1 and an ACEC class of AC-1s be applied to all sub-surface concrete within the Upper Tunbridge Wells Sand Formation.
Considerations	Human Health	The results of the chemical testing have been compared directly with the generic assessment criteria for a residential end use with plant uptake. All of the results were below the relevant thresholds for the samples tested. No asbestos was identified, and pesticide concentrations were below laboratory detection limits. However, potential contamination was identified within the area of the existing farmyard and as such, it is recommended that additional site investigation be undertaken within this area prior to any development taking place.
	Ground gas	No onerous concentrations of ground gases have been identified during the initial three visits. Preliminary findings indicate that ground gas protection measures are unlikely to be required. A final ground gas assessment in the form of an addendum letter will be issued on completion of the ground gas monitoring.
	Built Environment	Based on the findings, protection measures for water supply pipes are not considered warranted but the results should be submitted to the water utility provider for confirmation.
	Waste Disposal	The laboratory results and WAC analysis for the samples of the recovered soils were assessed using the HazWasteOnline software which determines whether a generated waste is hazardous or non-hazardous based on standard laboratory analysis and are based on the chemical properties of the sample and therefore the appropriate indicative List of Waste code is '17 05 04 Soil and stones other those mentioned in 17 05 03*'. Based on the results of the analysis, the near surface soils of the Topsoil and Upper Tunbridge Wells Sand Formation were classified as Non-Hazardous.
Further Actions: Pre Construction The results of this investigation be presented to the water utility company as soon as reasonably		

practicable to confirm the water pipe material.

- Ongoing ground gas monitoring and reporting.
- The results of the chemical testing be passed onto the receiving landfill for final classification.
- Completion of groundwater monitoring and reporting.
- Further site investigation including the farmyard area.

During Construction

- A discovery strategy should be maintained during development such that any abnormal conditions (geotechnical or potential contamination) are identified and their potential impact on the proposed development assessed prior to determining any potential mitigation measures.

1.0 INTRODUCTION

Geo-Environmental Services Limited was instructed by Wates Developments Limited to undertake an investigation of the geotechnical and geo-environmental factors pertaining to Land at Foxhole Farm, Bolney, West Sussex, RH17 5NB. The site's location is presented in Figure 1.

1.1 Development Proposals

It is understood that the site is proposed to be developed with houses, private gardens, public open space, access roads and associated infrastructure. The proposed development layout plan can be found within Figure 3.

1.2 Site Description

At the time of the intrusive investigation the southern part of the site was occupied by five grassed paddocks in use for grazing horses whilst the northern portion was occupied by two large vacant grassed fields. Each field was bordered by hedgerows and trees.

In the centre of the site there was a dilapidated farmyard consisting of a large rectangular barn in use for parking and grooming of horses. Three smaller barns/sheds were in use for the storage of firewood and old equipment. All buildings had suspected asbestos cement board roofing with the larger barn also clad in suspected asbestos cement board sheeting. An abandoned car was also present adjacent to the barn entrance.

Horse stables were present to the east of the farmyard and an equestrian school was present to the north of the farmyard with a rubber chip surface. To the west of the equestrian school there was a double height open fronted barn with suspected asbestos cement board roofing and cladding. All buildings were in poor condition.

The site was observed to slope from the high ground in the centre of the site southwards towards the A272 and from the centre of the site northwards towards the equestrian school.

The site was accessed via Foxhole Lane to the west of the site. Residential detached houses bordered the site to the east, the A272 bounded the site to the south, open farmland and stands of woodland were present to the north and west. The site also encompassed a very large, dilapidated detached residential house, gardens and tennis court.

1.3 Objectives

The data from the geotechnical investigation was to form the basis of an interpretation with respect to foundation design, pavement construction, infiltration, concrete specification, excavation stability and other pertinent construction issues.

The data was used to evaluate the risks posed to the proposed redevelopment, adjacent land uses and the wider environment, in the context of likely planning requirements, immediate liabilities under the Environmental Protection Act 1990 and risks posed to Controlled Waters under the Water Resources Act from the current status of the site and in line with the proposed redevelopment.

1.4 Standards

Where practicable, the ground investigation and subsequent geotechnical and environmental assessments were undertaken in accordance with the following documents and guidance:

- British Standards Institute - Code of Practice for Earth Retaining Structures (BS8002:2015).
- British Standards Institute - Code of Practice for Site Investigations (BS5930:2015+A1:2020).
- British Standards Institute - Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings (BS8485:2015+A1:2019).
- British Standards Institute - Eurocode 7 - Geotechnical Design - Parts 1 & 2 (BS EN1997-1:2004 & BS EN1997-2:2007).
- British Standards Institute - Guidance on investigations for ground gas. Permanent gases and Volatile Organic Compounds (VOCs) (BS8576:2013).
- British Standards Institute - Investigation of Potentially Contaminated Sites - Code of Practice (BS10175:2011+A2:2017).
- British Standards Institute - Soils for Civil Engineering Purposes (BS1377:1990).
- British Standards Institute - Specification for Topsoil and Requirements for Use (BS3882:2015).
- Building Research Establishment - Soakaway Design - DG 365 (2016).
- Building Research Establishment - The Performance of Building Materials in Contaminated Land (BRE255) (1994).
- Construction Industry Research and Information Association - Assessing risks posed by hazardous ground gases to buildings (C665) (2007).
- Department for Environment Food and Rural Affairs and CL:AIRE - Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination (SP1010) (2014).
- Department of Environment - Industry Profiles (1995 - 1996).
- Environment Agency - Guidance for waste destined for disposal in landfills (2006).
- Environment Agency - Guidance on Requirements for Land Contamination Reports (2005).
- Environment Agency - Land Contamination: Risk Management (LCRM) (2019 + Update 2023).
- Ministry of Housing, Communities and Local Government - National Planning Policy Framework (2023).
- National House Building Council, Environment Agency & Chartered Institute of Environmental Health - Guidance for the Safe Development of Housing on Land Affected by Contamination (R&D Publication 66) (2008).
- National House Building Council - Guidance on evaluation of development proposals on sites where methane and carbon dioxide are present (10627-R01[04]) (2007).
- National House Building Council - Standards, Chapter 4.1 Land Quality - Managing Ground Conditions (2023).

1.5 Conditions

This report does not purport to be a “Geotechnical Design Report” as defined in Clause 2.8 of Eurocode 7 (Geotechnical Design BS EN 1997-1:2004) and some of the data used to support the geotechnical assessment may not be fully compliant with that design code, due to the access restrictions at the time of the fieldworks and methods of investigation adopted. It is considered possible that further detailed ground investigations could be required to facilitate the detailed geotechnical design process and should be carried out on a structure specific basis if necessary.

The data collected from the investigations have been used to provide an interpretation of the environmental conditions pertaining to the site. The recommendations and opinions expressed in this report are based on the

data obtained. Geo-Environmental takes no responsibility for conditions that either have not been revealed in the available records, or that occurs between or under points of physical investigation. Whilst every effort has been made to interpret the conditions, such information is only indicative and liability cannot be accepted for its accuracy.

It should be noted that in particular the concentrations and levels of mobile liquid and gaseous materials are likely to vary with time. The results obtained may therefore only be representative of the conditions at the time of sampling. This report should not be taken as any guarantee that a site is free of hazardous or potentially contaminative materials.

Information contained in this report is intended for the use of the Client, and Geo-Environmental can take no responsibility for the use of this information by any party for uses other than that described in this report. Geo-Environmental makes no warranty or representation whatsoever express or implied with respect to the use of this information by any third party. Geo-Environmental does not indemnify the Client or any third parties against any dispute or claim arising from any finding or other result of this investigation report or any consequential losses.

Assessment criteria or other parameters developed for the evaluation of contamination on this site are based on a number of assumptions regarding exposure and toxicology, and exposure to contaminants and levels of adverse effects may therefore vary. Whilst every care and expertise has been employed in the development of such criteria, no liability is accepted in this respect. Other criteria or guidance on the development of assessment criteria may be published in the future, and no liability is accepted in this respect.

2.0 DESK STUDY & GROUND INVESTIGATION REVIEW

A desk study report was prepared by Geo-Environmental on behalf of Wates developments in November 2023 (ref: GE22035-DSR-NOV23). The preliminary risk assessment based on the desk study information and can be found overleaf along with the conclusions.

Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification
Contaminants of Concern (On-site Made Ground and Shallow Soils)	End users	Direct contact	Likely	Mild	Moderate to Low Made Ground is unlikely to be present on-site or if present is anticipated to be limited in extent. Private and communal gardens, soft landscaping and public open space are included within the proposed development. Should contaminants of concern be identified, risk mitigation could be applied within the development to protect end users. The scope and type of risk mitigation would depend on the contamination/impact present. Site investigation and chemical testing required to assess the risk further.
	Soft Landscaping	Root Uptake	Low	Mild	Low Gardens, soft landscaping and public open space are anticipated. No evidence of harm to existing plant life was identified. Site investigation and chemical testing required to assess the risk further.
	Adjacent land users	Direct contact	Unlikely	Minor	Very Low Adjacent site users are unlikely to come into contact with soils. Site investigation and chemical testing required to assess the risk further.
	Water supply pipes	Direct contact	Low	Mild	Low Water supply pipes could come into contact with impacted or aggressive soils depending upon depth of installation and extent of soil impact. Site investigation and chemical testing required to assess the risk further.
	Buildings and	Direct contact	Likely	Mild	Moderate to Low

Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification
	infra- structure				Foundations and utilities will be placed within potentially aggressive soils. Site investigation and chemical testing required to assess the risk further.
	Groundwater	Vertical migration	Likely	Minor	Low Shallow groundwater is likely, with shallow groundwater within the Upper Tunbridge Wells Sand Formation and Weald Clay Formation. The stratas beneath the site are classified as Secondary A Aquifers and the site is not located in a SPZ.
	Surface water	Lateral migration	Unlikely	Mild	Very Low The only surface water features were noted on-site was a drainage ditch. The nearest off-site feature was a pond within a neighbouring garden. Site investigation and chemical testing required to assess the very low risk.

Table 2.1: Preliminary Risk Assessment

2.1 Preliminary Risk Assessment

The Preliminary Risk Assessment (PRA) and Conceptual Site Model (CSM) developed from the information gathered as part of the desk study process identified plausible potential pollutant linkages that exist in relation to the proposed redevelopment of the site.

The potential pollutant linkages established within the desk study were not considered to prevent development on the subject site, but could require investigation and assessment to support further characterisation, calibration of the CSM and where/if necessary, determine a remedial strategy to reduce, remove or otherwise control any risk within the site to key receptors.

It was considered that the overall risk from potential contamination on the site is 'Low to Very Low' albeit with specific potential pollutant linkages being assigned a moderate - low to very low risk rating and that further assessment would be necessary to satisfy planning conditions or to provide clarification of the risk assessment.

In order to progress this assessment in line with the National Planning Policy Framework, to provide further characterisation of the site and refinement of the PRA and CSM, it was recommended that intrusive investigation and associated testing is undertaken to confirm the findings of the desk study report and to provide a robust risk assessment for the site and proposed redevelopment. As such it was recommended that geochemical and geotechnical investigation be carried out on the site to include analysis of soil and groundwater (if encountered) samples for the range of potential contaminants identified within the Desk Study.

2.2 Preliminary Geotechnical Assessment Summary

The site was anticipated to be underlain by a mantle of Topsoil with the Upper Tunbridge Wells Sand Formation and Weald Clay Formation at depth.

A ground investigation was required to determine the feasibility of conventional shallow foundations based on the anticipated ground conditions and potential shallow groundwater. A piled foundation scheme may be more appropriate particularly where shrinkable soils are present in the vicinity of trees or where high column loads are anticipated. The investigation should also inspect and test the near surface soils to assess their suitability for pavements and ground bearing floor slabs.

The anticipated ground conditions are likely to be relatively impermeable and the likely high groundwater would restrict storage volumes. Therefore, conventional soakaways may not be feasible. Soakage testing in accordance BRE Digest 365 would be required to determine the feasibility of shallow soakaways.

2.3 Conclusions

Historic mapping has shown the site comprised fields with a farmyard indicated within the western portion c.1956 and an additional building constructed between the mapping of 2006 and 2023.

The proposed end use of the site is understood to comprise a residential development with anticipated areas of private and communal gardens, soft landscaping, public open space, associated infrastructure and access.

It was concluded that the overall risk of harm to end users was generally moderate to low to very low but that further assessment was likely to be required in order to better characterise possible contamination on-site as result of current and historical land uses and the associated risk to human health and the environment. It was considered likely that conventional foundations would be suitable for the proposed development.

It may be necessary to undertake remediation/risk mitigation measures on this site to break pollutant linkages and thus protect key receptors such as human health, controlled waters, built environment, soft landscaping and the like. The requirement and extent of any such remediation cannot be determined until such time as an intrusive investigation and associated testing has been completed.

3.0 GROUND INVESTIGATION SCOPE & RATIONALE

The following sections detail the scope and rationale for the investigation undertaken in November 2023.

3.1 Investigation Scope

The following scope of works was agreed based on the requirements set out in the quotation included:

- Provision of a Construction Phase Plan and RAMS pack presenting a risk assessment and method statement(s) specific to the proposed investigation.
- Attendance of a specialist surveyor to undertake a buried utilities survey of the proposed exploratory hole locations.
- Attendance of a Geo-Environmental Engineer to set out and supervise the intrusive investigation, undertake logging of recovered soils from exploratory holes.
- Construction of 8No. dynamic sampler boreholes with Standard Penetration Tests (SPTs) at regular intervals to depths of up to 4m bgl, depending on drilling conditions.
- Installation of 8No. groundwater monitoring wells to a depth of 4m to facilitate return monitoring on six occasions.
- Ground gas monitoring (spot monitoring) of well installations on 6 occasions at biweekly intervals. Wherever possible, the monitoring would target periods of low or rapidly falling atmospheric pressure.
- Winter Groundwater monitoring on a further 6No. occasions between November and April.
- Geotechnical laboratory testing to support the geotechnical assessment for foundations, ground floor construction and buried concrete design.
- Geochemical laboratory testing of 8No. samples for a suite of commonly occurring brownfield contaminants.
- Provision for 1No. waste categorisation suites and 1No. Waste Acceptance Criteria Tests to aid waste classification.
- Additional geochemical testing for pesticide screening.
- Provision of a Ground Appraisal Report Winter groundwater monitoring report upon completion of the monitoring period.

The locations of the dynamic sampler boreholes were selected from a wider site investigation plan and as such, were numbered WS02-WS03, WS10, WS12-WS13, WS15-WS16 and WS18.

3.2 Investigation Rationale

The exploratory holes were located to provide broad coverage across the proposed development area. The following tables summarise the strategy of the environmental (Table 3.1) and geotechnical (Table 3.2) investigations.

Environmental Area of Concern	Investigation	Positions
Near Surface Soils and Made Ground	Dynamic sampler boreholes situated across the site with regular sampling and laboratory analysis	All Locations
Ground Gas and Vapours	Ground gas monitoring standpipes installed within selected window sampler boreholes.	WS02-WS03, WS10, WS12-WS13, WS15-WS16, WS18

Table 3.1 Summary of Environmental Investigation Strategy

It should be noted that gas monitoring visits are confirmatory only, no sources of ground gases were identified within the desk study report.

Geotechnical Area of Concern	Investigation	Positions
Lateral changes in ground conditions	Dynamic sampler boreholes undertaken with regular in-situ testing and sampling.	ALL
Shrinkable soils	Dynamic sampler boreholes undertaken with regular in-situ testing and sampling.	ALL
Shallow Groundwater	Standpipes installed within boreholes and groundwater observations made within all holes during drilling.	WS02-WS03, WS10, WS12-WS13, WS15-WS16, WS18
Significant depths of Made Ground	Dynamic sampler boreholes undertaken with regular in-situ testing and sampling.	ALL
Aggressive chemical ground conditions (sulphates)	Dynamic sampler boreholes undertaken with regular in-situ testing and sampling.	ALL

Table 3.2 Summary of Geotechnical Investigation Strategy

4.0 ENCOUNTERED CONDITIONS

A factual record of the conditions encountered during the physical investigations of the site is presented in the following section.

For further details of the encountered ground conditions, reference should be made to the engineer's logs presented in Appendix B, the preliminary groundwater/gas monitoring assessment presented in Appendix C, the geotechnical testing results in Appendix D, and the chemical testing results in Appendix E.

4.1 Anticipated Ground Conditions

Published geological records indicate that the ground conditions are likely to comprise The Weald Clay Formation beneath the northern portion of the site, with the remainder of the site indicated to be underlain by the Upper Tunbridge Wells Sand.

The Weald Clay consists of shales and mudstones with occasional thin beds of siltstones, sandstone, shelly limestone and clay ironstone. When fresh, the beds are normally dark grey weathering to mottled yellow and brown near the surface or at outcrop. Bands of red clay occur within the bed, usually in association with the sandstone.

The Upper Tunbridge Wells Sand consists of variegated soft mudstones, silts, thinly bedded sandstones and occasional clay ironstones. The clay bands usually weather to red and the silts to mottled grey and orange.

4.2 Ground Conditions

The ground conditions encountered comprised a mantle of Topsoil overlying the Upper Tunbridge Wells Formation. It should be noted that the ground conditions in the north of the site more closely resembled the Upper Tunbridge Wells Formation rather than the anticipated Weald Clay.

A generalised summary of the encountered conditions is presented in Table 4.1.

Top (m bgl)	Base (m bgl)	Generalised Geology	Locations
0.00	0.30- 0.41	TOPSOIL: Brown slightly silty clay with rootlets. Gravelly silty clay encountered within WS18 only.	ALL
0.30- 0.41	1.40- 4.45	UPPER TUNBRIDGE WELLS SAND FORMATION: Soft to very stiff sandy CLAY and slightly gravelly sandy CLAY. Gravels are of fine to coarse, sub-angular of flint, sandstone and mudstone.	ALL
0.95- 3.05	1.40- 3.10	UPPER TUNBRIDGE WELLS SAND FORMATION: Orange brown gravelly SAND, very clayey SAND and SAND.	WS12, WS18

Table 4.1 Summary of Ground Conditions

For more detailed descriptions of the ground conditions at specific locations, reference should be made to the exploratory hole logs and sections presented in Appendix B.

4.3 Groundwater

Groundwater was encountered within WS15 and WS16 during the investigation at depths of between 1.10m and 2.10m bgl, then standing at depths of between 2.00m and 2.10m bgl after twenty minutes. Standpipes were installed within all boreholes to depths of between 1.40m and 4.45m bgl with twelve monitoring visits planned over the winter period. To date, the first two visits have been undertaken. Groundwater was recorded at depths of between 0.00m bgl and 2.00m bgl.

It should be noted that changes in groundwater and perched water levels do occur for a number of reasons including seasonal effects and variations in drainage. Such fluctuations may only be recorded by the measurement of the groundwater level within a series of standpipes or piezometers installed within appropriate response zones.

4.4 Ground Gases

Dual purpose gas and water monitoring standpipes were installed within WS02-WS03, WS10, WS12-WS13, WS15-WS16, WS18 to depths of between 1.40 and 4.45m bgl. To date, the first two of six monitoring visits have been undertaken, Methane was recorded between 0.0% v/v and 0.2% v/v, whilst carbon dioxide and oxygen have been recorded within the range of 0.0% v/v to 1.8% v/v and 10.8% v/v to 21.6% v/v respectively. A maximum VOC concentration of 3.5ppm has been recorded, whilst atmospheric pressure has been recorded between 991mb and 1022mb. A steady flow of 2.0l/hr was recorded. Once the remaining visits have been completed, a monitoring report will be provided.

Where the groundwater level was higher than the response zone of the installed well, the gas results have been discounted as they are unlikely to be representative.

For further details, reference should be made to the preliminary ground gas assessment sheet in Appendix C.

4.5 Obstructions

No artificial below ground obstructions were encountered during the investigation. However, it should be noted that various boreholes refused prematurely at depths of between 1.40-3.30 due to the density of the soils. The presence of obstructions elsewhere at the site cannot be discounted.

4.6 Geochemical Analysis

In order to assess the general chemical quality of the strata encountered, samples of soils recovered from the exploratory holes were submitted for analysis for a range of potential contaminants selected on the basis of the findings of the desk study and supported by the joint National House Building Council (NHBC), Environment Agency (EA) and Chartered Institute of Environmental Health (CIEH) publication, *'Guidance for the Safe Development of Housing on Land Affected by Contamination'* (2008).

Soil samples were placed into plastic containers for general inorganic analysis and into amber jars for organic analysis. Samples were stored in temperature-controlled conditions from sampling until receipt at the laboratory from which time sample preparation and storage was determined by testing requirements and in line with the laboratory's protocols.

Eight soil samples were submitted for analysis for a comprehensive suite of common zootoxic and phytotoxic elements based upon determinants listed within the above guidance. In addition, four samples were submitted for pesticide screening and one sample for waste acceptance and waste categorisation testing.

4.7 Geotechnical Analysis

The results of geotechnical testing undertaken as part of the ground investigation are summarised in Table 4.2 with test results presented in Appendix D.

Parameter	Upper Tunbridge Wells Sand Formation
pH	6.1-7.2
Water soluble sulphate (g/l)	<0.02
Natural Moisture Content (%)	15-25

Liquid Limit (%)	28-60
Plastic Limit (%)	15-25
Plasticity Indices (%)	17-35
Modified Plasticity Indices (%)	6-35
Particle Size Distribution	
Very coarse (%)	0.00
Gravel (%)	6.92
Sand (%)	29.06
Particle Size Distribution Fines <0.063mm (%)	64.02

Table 4.2: Summary of Geotechnical Laboratory Test Results (Upper Tunbridge Wells Sand Formation)

5.0 ENGINEERING CONSIDERATIONS

Subsequent to intrusive investigation of the site and receipt of the laboratory results, the following interpretative assessments have been made with respect to engineering considerations.

5.1 Foundations

Based on the ground and groundwater conditions encountered within the intrusive locations it is considered that traditional foundations would likely be suitable for the proposed low-rise development on site remote from trees.

The results of the Atterberg Limit tests, in conjunction with the field observations indicated the more cohesive parts of the Upper Tunbridge Wells Sand Formation ranged between low and medium volume change potential as defined by NHBC Standards, Chapter 4.2 and BRE Digest 240. The granular soils of the Upper Tunbridge Wells Sand Formation are likely to be non-shrinkable, but in the boreholes were laterally and vertically impersistent. Therefore, it is recommended that en masse the Upper Tunbridge Wells Sand Formation be treated as medium volume change potential and a minimum foundation depth remote from trees of 0.90m is recommended. A minimum foundation width of 450mm is recommended.

Within the zone of moisture demand of any existing, proposed or recently felled trees it is recommended that foundation depths be calculated in accordance with the NHBC Standards, Chapter 4.2 for medium volume change potential soils. Foundations should also be taken through any major root zone and desiccated clay soils, should this be found at greater depth. It should be noted that the NHBC stipulate that foundations cast at depths greater than 2.5m should be "engineer designed".

Heave protection measures such as a void former are required against the side of foundations for medium volume change potential soils.

Based on the typical settlement parameters for the types of soil encountered, a maximum net allowable bearing capacity of 125kPa is applicable for trench, strip or isolated pad foundations up to 1.50m in width taken through any Topsoil, Made Ground, soft or loose zones, desiccated or disturbed soils and placed wholly into or onto the Firm to Very Stiff slightly gravelly sandy clays and gravelly, very clayey sands of the Upper Tunbridge Wells Sand Formation. Under the above loadings the settlements should remain within tolerable limits for the proposed scheme. Where foundations span between cohesive and granular horizons, nominal reinforcement will be required.

5.2 Excavations

Excavations within any shallow Made Ground should remain relatively stable in the short term. Longer deeper excavations within any deeper areas of Made Ground are likely to be prone to instability, particularly where left open for prolonged periods or where water is encountered and should be battered back to a safe angle of repose, or suitable shoring techniques should be adopted to provide stability. Pumping from sumps would also be required where water is encountered.

Shallow and deeper excavations within the more cohesive Upper Tunbridge Wells Sand Formation should remain relatively stable in the short to medium term, though some localised spalling may be anticipated within any more granular zones particularly where left open for prolonged periods or where water is encountered. In such circumstances, excavations should be battered back to a temporary safe angle of repose, or suitable shoring techniques should be adopted to provide stability. Pumping from sumps would also be required where water is encountered.

Ground works should always be designed in such a manner to avoid man entry into excavations. However, in the event that such works cannot be avoided or designed out, they should only be undertaken in accordance with a safe

system of work, following an appropriate risk assessment and in accordance with any legislative requirements, e.g. Confined Spaces Regulations.

5.3 Floor Slabs

Based on the laboratory testing results and shrinkable soils, it is recommended that suspended ground floor slabs be adopted. The void space beneath the suspended floor must be designed in accordance with the NHBC Standards, Chapter 4.2.

5.4 Pavements

The Transport and Road Research Laboratory Report (LR1132) entitled '*The Structural Design of Bituminous Roads*' (1984) cites an estimated equilibrium suction index of 4% for soils with a Plasticity Index of 30% such as those of the Upper Tunbridge Wells Sand Formation, under average construction conditions and a low groundwater level.

Based on the TRRL report, a CBR value of 4% is recommended. Based on the geotechnical results, the near surface Upper Tunbridge Wells Sand Formation should be considered as being non-frost susceptible for pavement design purposes.

5.5 Sulphates

Four pH and Sulphate tests were undertaken on the Upper Tunbridge Wells Sand Formation. The results for both the Upper Tunbridge Wells Sand Formation corresponded to design class of DS-1 as defined within the BRE Special Digest 1 (2005). The pH analyses indicate the ACEC class to be AC-1s. It is recommended that a design class of DS-1 and an ACEC class of AC-1s be applied to all sub-surface concrete within these strata.

5.6 Soakaways

Soakage testing did not form part of the remit however, based on the encountered predominantly cohesive ground conditions, conventional shallow soakaways are unlikely to be feasible and an alternative means of storm water disposal should be sought.

6.0 ENVIRONMENTAL CONSIDERATIONS

A Generic Quantitative Risk Assessment (GQRA) was undertaken on the results of the chemical testing on the soil samples, the findings of which are presented in the following sections.

6.1 Environmental Risk Assessment

Based on a visual assessment of the soils encountered, in conjunction with the Desk Study and the proposed end use, eight soil samples were submitted for a suite of commonly occurring contaminants including metals, metalloids, inorganic compounds, TPH, PAH and asbestos as outlined in Table 6.1 below.

Location	Depth (m bgl)	Testing Suite				Stratum
		GESL/4	WAC	Waste Cat	Pesticides	
WS12	0.10	X				Topsoil
WS03	0.10	X			X	Topsoil
WS03	0.50		X	X		Upper Tunbridge Wells Sand Formation
WS10	0.10	X			X	Topsoil
WS02	0.10	X				Topsoil
WS13	0.10	X				Topsoil
WS18	0.10	X			X	Topsoil
WS16	0.10	X				Topsoil
WS15	0.10	X			X	Topsoil

Table 6.1: Soils Submitted for Laboratory Analysis

6.2 Soil Contamination vs. End Users

The presence of a possible contaminant does not necessarily imply that a site or area is contaminated or that there is any unacceptable risk to human health. A Preliminary Quantitative Risk Assessment has been undertaken in order to evaluate any unacceptable risks posed to human health with respect to the proposed redevelopment. It should be noted that this assessment is protective of the chronic long-term effects of contaminants, which is also likely to be protective of any possible immediate acute effects.

A quantitative risk assessment has been undertaken initially by comparing the results of the laboratory chemical testing of non-targeted shallow soils in each area against Soil Guideline Values (SGVs), DEFRA Category 4 Screening Levels (C4SLs) or Atkins' ATRISK^{soil} Site Specific Screening Values (SSSVs) for a residential end use with plant uptake. Any results that may have been greater than the guideline values or where there are no comparable values, the results have subsequently been compared against Land Quality Management Suitable 4 Use Levels (Subscription No. S4UL3453) (LQM S4UL) and Category 4 Screening Levels (C4SL). If any screening values are exceeded, further statistical assessment is required.

Benzo(a)pyrene has been used in the assessment as a surrogate marker for PAH contamination.

The results of the chemical testing have been compared directly with the generic assessment criteria for a residential end use with plant uptake.

All of the results were below the relevant thresholds for the samples tested. No asbestos was identified, and pesticide concentrations were below laboratory detection limits.

However, potential sources of contamination were identified within the area of the existing farmyard and as such, it is recommended that additional site investigation be undertaken within this area prior to any development taking

place.

6.3 Soil Contamination vs. Adjacent land Users

Surrounding land uses were identified to mostly comprise residential properties and agricultural fields. No mobile contamination was found during the investigation and therefore, no significant risks to adjacent land users are considered to exist.

However, it is recommended that dust suppression techniques, e.g. damping down exposed soils, are employed during the demolition and construction phases on site in order to minimise the potential for airborne migration of specific hazards and to manage potential nuisance issues for adjacent land users.

6.4 Soil Contamination vs. Soft Landscaping

British Standard BS3882:2015 *Specification for topsoil and requirements for use* provides assessment criteria for a number of potentially phytotoxic contaminants in terms of new planting.

The results of the chemical analysis for determinants known to pose a potential phytotoxic risk to plant growth are summarised in Table 6.2 together with the respective adopted Generic Assessment Criteria (GAC) for plant growth. The compliance criteria set out in BS3882:2015 are pH dependent and thus the GAC used relate to the pH range measured on samples recovered from the site.

Determinant	Phytotoxicity GAC (mg/kg)			GAC Exceedances
	pH <6.0	pH 6.0-7.0	pH >7.0	
Zinc	200	200	300	No
Copper	100	135	200	No
Nickel	60	75	110	No

Table 6.2: Summary of Plant Phytotoxicity Assessment

No exceedances for the above listed metals were identified and therefore, no remedial measures are considered necessary for the protection of plants.

6.5 Soil Contamination vs. Building Materials

The current guidance on selection of materials for water supply pipes to be laid in contaminated land is contained in UK Water Industry Research's (UKWIR) report reference 10/WM/03/21 (re-issued 2010). However, the guidance is not mandatory and there have been concerns raised by various industry technical associations regarding the document and the methodologies proposed. Although there are concerns regarding the document, in lieu of any further guidance in the first instance the results of this investigation have been compared with the proposed thresholds published in UKWIR Table 3.1. The results of the relevant chemical analyses did not indicate any elevated concentrations and therefore barrier pipe is unlikely to be required. It is recommended that the results of this investigation be presented to the water utility company as soon as reasonably practicable in order to confirm the pipe material.

As a matter of good practice, and to maximise the protection to utilities, it is recommended that clean, granular backfill is used in service runs and that marker tapes are used for all buried services.

6.6 Ground Gases

Dual purpose gas and water monitoring standpipes were installed within WS02-WS03, WS10, WS12-WS13, WS15-WS16, WS18 to depths of between 1.40 and 4.45m bgl. To date, the first two of six monitoring visits have been

undertaken, Methane was recorded between 0.0% v/v and 0.2% v/v, whilst carbon dioxide and oxygen have been recorded within the range of 0.0% v/v to 1.8% v/v and 10.8% v/v to 21.6% v/v respectively. A maximum VOC concentration of 3.5ppm has been recorded, whilst atmospheric pressure has been recorded between 991mb and 1022mb. A steady flow of 2.0l/hr was recorded. Once the remaining visits have been completed, a monitoring report will be provided.

Where the groundwater level was higher than the response zone of the installed well, the gas results have been discounted as they are unlikely to be representative.

No onerous concentrations of ground gases have been identified during the initial two visits. Preliminary findings indicate that ground gas protection measures are unlikely to be required. However, a further three visits are planned and a ground gas assessment in the form of a letter will be issued on completion of the ground gas monitoring confirming the final ground gas assessment.

The results of the first three rounds of ground gas monitoring are presented in Appendix C.

6.7 Waste Disposal

The following information is provided for preliminary guidance purposes, as different facilities or operators may have differing acceptance criteria and Waste Acceptance Criteria (WAC) analysis may be required to confirm the exact classification. In addition, if the intention is to retain excess spoil/arising on site for specific purposes, then these soils would not comprise waste, although this is subject to confirmation and relevant declaration under the Definition of Waste Code of Practice.

Where waste soil is being disposed to landfill it must first be classified as either Hazardous or Non-Hazardous. The classification is carried out in accordance with the Environment Agency's publication WM3 'Waste Classification-Guidance on the classification and assessment of waste'. Waste that is classified as Non-Hazardous in accordance with WM3 may be disposed without further testing to a Non-Hazardous landfill. Alternatively, once the waste soils have been identified, Waste Acceptance Criteria (WAC) testing can be undertaken to establish whether the material can be disposed to an Inert landfill, a subgroup of Non-Hazardous landfill. It should be noted that inert wastes are typically from a consistent source that meet a number of qualifying criteria, and thus Made Ground commonly will not meet the requirements to be disposed as Inert.

The laboratory results and WAC analysis for the samples of the recovered soils were assessed using the HazWasteOnline software which determines whether a generated waste is hazardous or non-hazardous based on standard laboratory analysis and are based on the chemical properties of the sample and therefore the appropriate indicative List of Waste code is '17 05 04 Soil and stones other those mentioned in 17 05 03*'.

Sample	Geology	HazWasteOnline	WAC Results		
		Classification Result	Inert	SNRHW	Hazardous
WS12 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS03 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS03 0.50m	Upper Tunbridge Wells Sand Formation	Non-Hazardous	Pass	Pass	N/A
WS10 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS02 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS13 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS18 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS16 0.10m	Topsoil	Non-Hazardous	NT	NT	NT
WS15 0.10m	Topsoil	Non-Hazardous	NT	NT	NT

NT- Not Tested

Table 6.3 Summary of HazWasteOnline Assessment

It must be noted that any waste classification assessment is indicative only and actual classification would depend on permit status of the final disposal facility. Once soils for disposal have been identified it is recommended that further testing of these specific soils be undertaken in order to confirm the above assessment.

In accordance with the CL:AIRE Definition of Waste Code of Practice (2011) materials are only considered waste if 'they are discarded, intended to be discarded or required to be discarded by the holder'.

The Code of Practice therefore allows soils to be reused on site where the following criteria are met:

- The re-use of the soils will not present an unacceptable or increased risk to controlled waters, the environment and human health;
- The soils are suitable both in terms of chemical and geotechnical properties for the intended use without prior treatment;
- Only the required volume is used and no more;
- There is a required use and a certainty of use not just a possibility.

In order to comply with the Code of Practice, a Materials Management Plan (MMP) that confirms the above criteria are met must be prepared. The MMP must be reviewed by a 'Qualified Person' who then issues a declaration to the Environment Agency. The MMP and declaration must be in place before soils are excavated and it cannot be applied retrospectively. Geo-Environmental can provide this service should it be required.

Where materials do not meet the required criteria, it may be possible to treat them under an environmental permit so that they may be re-used on site. In addition, where material is discarded as waste, it may still be possible to reuse the waste on site under a standard rules environmental permit or a U1 waste exemption. However, strict limits on the volumes that can be reused apply in these cases.

Under current legislation, where wastes are to be disposed of to landfill, they may, depending on their classification, require pre-treatment. Pre-treatment shall comprise a chemical, physical (including sorting), thermal or biological process. The pre-treatment is required to change the characteristics of the waste, reduce its volume, reduce its hazardous nature, and facilitate its handling and enhance its recovery.

Other materials disposed of from site as part of the development of the site may require disposal separately. All materials containing dangerous substances e.g. tar or bitumen, asbestos, mercury, hydrocarbons, PCBs and asbestos are likely to be classified as Hazardous Waste and therefore susceptible to the relevant legislative controls.

Furthermore, no asbestos was identified in the sample by the testing.

Should it be proposed to dispose of any of the material the results should be forwarded to the proposed receiving landfill for confirmation of this assessment as it is their decision on whether they will accept the waste material.

6.8 Revised Risk Assessment

Based on the findings of the investigation, a revised risk assessment has been prepared.

Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification	Mitigation Measures	Residual Risk
Contaminants of Concern (Made Ground and Shallow Soils)	End users	Direct contact, Inhalation	Low	Mild	Low Soils were both chemically suitable and physically suitable. However, some potential sources of contamination observed around the farmyard/stables	No mitigation measures required in general but further targeted investigation required around the farmyard.	Low
	Soft Landscaping	Root uptake	Low	Minor	Very Low No evidence of harm to the existing soft landscaping on-site was identified. The laboratory results found not elevated concentration's that would affect soft landscaping. However, some potential sources of contamination observed around the farmyard/stables	No mitigation measures required in general but further targeted investigation required around the farmyard.	Very Low
	Adjacent land users	Direct contact, Inhalation	Unlikely	Minor	Very Low Mobile contaminants within soils were unlikely to pose a risk to adjacent land users. The	No mitigation measures required to protect adjacent land users.	Very Low

Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification	Mitigation Measures	Residual Risk
					laboratory results did not identify any mobile contaminants that would affect adjacent land users.		
	Water supply pipes	Direct contact	Low	Minor	Very Low Soils were chemically suitable for standard water supply pipes.	Potable water supply pipes laid within the natural soils are unlikely to require protection. Confirmation of these assessments should be sought from the utility company.	Very Low
	Buildings and infrastructure	Direct contact	Low	Minor	Very Low Foundations will be placed within potentially aggressive soils. Results classified the buried concrete as DS-1 (AC-1s).	It is recommended that buried concrete should be designed to Class DS-1 (AC-1s) within all soil types on-site.	Very Low
	Groundwater	Vertical / Horizontal migration	Low	Minor	Very Low Although Groundwater was encountered; no mobile contamination encountered.	No mitigation measures required.	Very Low

Table 6.3: Revised Plausible Pollutant Linkages & Qualitative Risk Assessment

7.0 Discovery Strategy

Whilst an intrusive investigation has been undertaken on the site, it remains possible that unexpected ground and/or groundwater conditions may be encountered during the process of construction.

Should previously undiscovered contamination or unforeseen ground conditions be encountered during construction by the ground workers, this must be reported to the Site Manager immediately in order that the Consultant is notified. Where deemed necessary, the Consultant shall attend the site to inspect the discovery and provide recommendations on the further actions required, if any. Where necessary the regulatory authority shall be informed. Post any additional investigation or laboratory testing the results and any proposed remedial measures shall be reported to the regulatory authority or other appropriate organisation for consent, before proceeding or implementing the remedial measures.

A copy of the discovery strategy must be lodged on site, and provisions made to ensure that all workers are made aware of their responsibility to observe, report, and act on any potentially suspicious, abnormal, unforeseen or contaminated ground and/or groundwater conditions they may encounter.

Depending on the type, nature and extent of any such 'discovery', it may be necessary to halt works in that location until such time as the assessment has been completed. This shall be reviewed on a 'discovery' specific basis and in conjunction with consultation with the client, other technical personnel and/or regulatory/approval organisations.

As a general guide, where such unexpected conditions are encountered the following approach is required as a minimum:

- All discoveries are to be reported to the Site Manager immediately and works at that location are to halt until further notice;
- The Site Manager is to report any such discoveries to the Client and the Consultant;
- Following notification from the Site Manager, the Consultant shall discuss the discovery with the Local Authority and/or other relevant parties and if considered necessary, arrange to meet on site to view the discovery;
- The Consultant shall attend the site to record the location, extent and nature of the discovery and implement an appropriate sampling and analysis regime, taking due account of the type and nature of the discovery, known and probable land uses in that area of the site;
- Where remedial action is required, regulatory consultation and approval will be sought;
- A record will be produced by the Consultant and held on site (with copies held by the Consultant, Client and Local Authority/other relevant organisation), detailing the discovery, assessment works undertaken, findings thereof, confirmation either of no action required or detailing the remedial action taken and validation thereof.

The process is shown below.

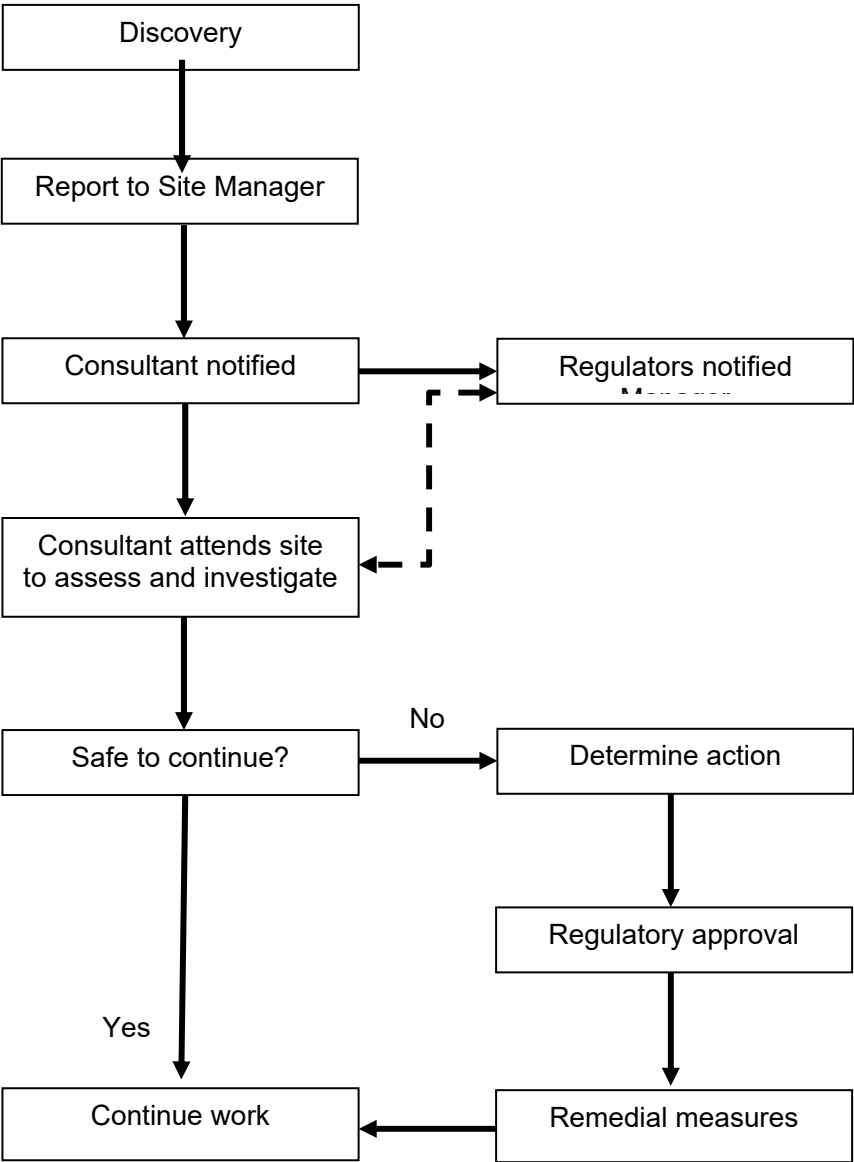


Chart 1 Discovery Strategy Process

Caveat

The data collected from the investigations have been used to provide an interpretation of the geo-environmental conditions pertaining to the site. The recommendations and opinions expressed in this report are based on the data obtained.

Geo-Environmental Service Limited takes no responsibility for conditions that either have not been revealed in the available records, or that occurs between or under points of physical investigation. Whilst every effort has been made to interpret the conditions, such information is only indicative and liability cannot be accepted for its accuracy.

Information contained in this report is intended for the use of the client and their agents, and Geo-Environmental Services Limited can take no responsibility for the use of this information by any third party for uses other than that described in this report.

It should be noted that in particular the concentrations and levels of mobile liquid and gaseous materials are likely to vary with time. The results obtained may therefore only be representative of the conditions at the time of sampling. Such reservations have been indicated in the text where such conditions are considered to apply.

Geo-Environmental Services Limited does not indemnify any third parties such as the vendor against any dispute or claim arising from any finding or result of this investigation or any claim or dispute arising as a result of any decisions made thereof.

FIGURE 1

Site Location Plan

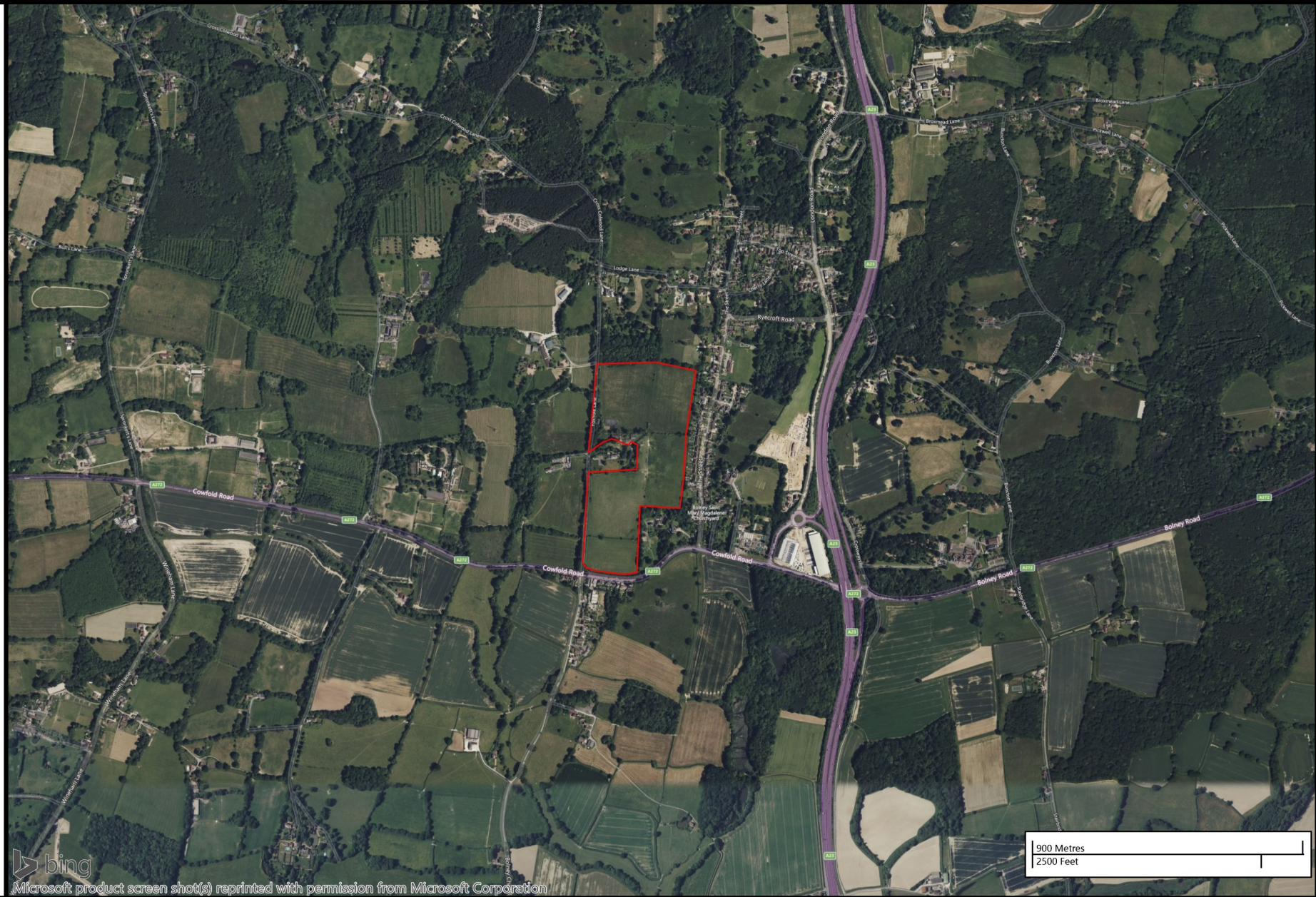


Project Title: Foxhole Farm, Bolney
Location : Bolney, West Sussex
Project No. : GE22035
Client : Wates Developments Limited

Title : Figure 1 - Site Location Plan
Scale: 1:18000
Engineer: Anthony



Legend Key
Project Bounds - Project Bounds



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FIGURE 2

Site Investigation Plan





Geo-Environmental

- Locations By Type - Empty
- Locations By Type - WLS



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FIGURE 3

Proposed Development Plan





Project:		Foxhole Farm, Bolney		Title	Proposed Development Plan	
Client:		3		Geo-Environmental Services Ltd Unit 7 Danworth Farm, Cuckfield Road Hurstpierpoint, West Sussex BN6 9GL +44(0)1273 832972 www.gesl.net  Geo-Environmental		
Ref No:	GE22035	Revision:	v1			
Drawn:	AP	Date:	20/12/2023			
Figure:	3	Scale:	nts			

APPENDIX A

Desk Study Report



DESK STUDY REPORT

for the land at

LAND AT FOXHOLE FARM, FOXHOLE LANE

BOLNEY, WEST SUSSEX

RH17 5NB

on behalf of

WATES DEVELOPMENTS LIMITED

Report:	DESK STUDY REPORT
Site:	LAND AT FOXHOLE FARM, FOXHOLE LANE, BOLNEY, WEST SUSSEX, RH17 5NB
Client:	WATES DEVELOPMENTS LIMITED
Date:	17 th November 2023
Reference:	GE22035-DSR-NOV23
Version:	1.0
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FIGURES

FIGURE 1	Site Location Plan
FIGURE 2	Proposed Development Plan
FIGURE 3	Preliminary Conceptual Site Model (Future Use)

APPENDICES

APPENDIX A	Desk Study Information
APPENDIX B	Site Walkover Report

1.0 INTRODUCTION

1.1 General

Geo-Environmental Services Limited (Geo-Environmental) was instructed by Wates Developments Limited to undertake a Phase I desk study into the geotechnical and geo-environmental factors pertaining to the planned redevelopment of the land at Foxhole Farm, Foxhole Lane, Bolney, West Sussex, RH17 5NB, herein referred to as 'the site'. The site's location is presented in Figure 1.

1.2 Form of Development

It is understood that the site is proposed to be developed with residential properties with gardens, public open space, access roads and associated infrastructure.

1.3 Objectives

The investigation was to comprise a desk study of geotechnical and geo-environmental factors pertaining to the site, including a review of available historic maps and an examination of other available sources of geo-environmental information.

A preliminary Risk Assessment (PRA) was to be undertaken as part of the desk study in accordance with LCRM. The objective of the risk assessment was to evaluate plausible pollutant linkages with respect to the proposed development, adjacent land uses, and the wider environment, in the context of planning, immediate liabilities under the Environment Act 1990, and risks posed to Controlled Waters under the Water Resources Act 1991.

1.4 Standards

Where practicable, the desk study was undertaken in accordance with the following documents and guidance:

- Land Contamination Risk Management (LCRM) Environment Agency July 2023.
- Environment Agency Guidance on Requirements for Land Contamination Reports, Version 1 dated July 2005.
- BS10175:2011+A1:2013 - Investigation of Potentially Contaminated Sites - Code of Practice, BSI 2013.
- BS5930: 2015+A1:2020 - Code of Practice for Site Investigations, BSI 2020.
- EN ISO 14688 Geotechnical Investigation and Testing Part 1-2002 and Part 2-2004.
- BS1377: 1990 - Soils for Civil Engineering Purposes, BSI1990.
- NHBC Standards Chapter 4.1 Land Quality - Managing Ground Conditions, September 2023.
- NHBC Standards Chapter 4.2 Building Near Trees.
- CIRIA C665 – Assessing risks posed by hazardous ground gases to buildings (2007).
- NHBC 10627-R01(04)- Guidance on evaluation of development proposals on sites where methane and carbon dioxide are present (2007).
- BS8485:2015+A1:2019 Code of practice for the characterisation and remediation from ground gas in affected developments.

1.5 Conditions

The information collected from the desk study has been used to provide an interpretation of the geotechnical and environmental conditions pertaining to the site. The recommendations and opinions expressed in this report are based on the data obtained. Geo-Environmental takes no responsibility for conditions that have either not been revealed in the available records or that occur between or under points of any physical investigation. Whilst

every effort has been made to interpret the conditions, such information is only indicative and liability cannot be accepted for its accuracy.

Information contained in this report is intended for the use of the Client, and Geo-Environmental can take no responsibility for the use of this information by any party for uses other than that described in this report. Geo-Environmental makes no warranty or representation whatsoever expressed or implied with respect to the use of this information by any third party. Geo-Environmental does not indemnify the Client or any third parties against any dispute or claim arising from any finding or other result of this investigation report or any consequential losses.

2.0 DESK STUDY

The findings of the Phase I desk study are presented in the following section. A copy of the historic maps and information obtained as part of the desk study is presented in Appendix A. Photographs taken during the site walkover survey are presented in Appendix B. Comments made in the following section regarding possible ground conditions on the site are based purely on the desk study and associated site walkover.

2.1 Site Description

At the time of the intrusive investigation the site was occupied by five grassed paddocks in the south, two large vacant grassed fields in the north and a dilapidated farmyard and stable in the centre. The site was approximately rectangular in shape and occupied an area of 18.27 hectares. The paddocks at the southern end of the site were used for grazing horses. Each field was bordered by hedgerows and trees.

In the centre of the site the dilapidated farmyard consisted of a large rectangular barn in use for parking and the grooming of horses and three smaller barns/sheds used for the storage of firewood and old equipment. All buildings had suspected asbestos cement board roofing with the larger barn also clad in suspected asbestos cement board sheeting. An abandoned car was observed adjacent to the barn entrance. Horse stables were present to the east of the farmyard with an equestrian school to the north which had a rubber chipped surface. To the west of the equestrian school there was a double height open fronted barn with suspected asbestos cement board roofing and cladding. All the buildings were in poor condition.

The site was observed to slope from the high ground in the centre of the site southwards towards the A272 and from the centre of the site northwards towards the equestrian school.

The site was accessed via Foxhole Lane to the west of the site. Off-site, residential detached houses bordered the site to the east, the A272 bounded the site to the south, open farmland and stands of woodland were present to the north and west. Adjacent to the site was a very large detached residential house, gardens and tennis court.

2.2 Geology

Published geological records indicate that the ground conditions are likely to comprise the Weald Clay Formation beneath the northern portion of the site, with the remainder of the site indicated to be underlain by the Upper Tunbridge Wells Sand.

The Weald Clay consists of shales and mudstones with occasional thin beds of siltstones, sandstone, shelly limestone and clay ironstone. When fresh, the beds are normally dark grey weathering to mottled yellow and brown near the surface or at outcrop. Bands of red clay occur within the bed, usually in association with the sandstone.

The Upper Tunbridge Wells Sand consists of variegated soft mudstones, silts, thinly bedded sandstones and occasional clay ironstones. The clay bands usually weather to red and the silts to mottled grey and orange.

2.3 Hydrogeology

With reference to information provided by the Environment Agency, the underlying Weald Clay Formation and Upper Tunbridge Wells Sand Formation were indicated to be classified as a Secondary A Aquifer.

Secondary A Aquifers are permeable layers capable of supporting water supplies at a local rather than strategic

Desk Study Report

scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

In addition, the site was indicated to be outside of any source protection zone with regard to the protection of groundwater for potable supply.

Two groundwater aquifer abstractions were recorded within 500m radius of the site:

- 267m NW – TJB Hutchings, surface water, tributary of Adur East, unknown status.
- 408m NW – Mr TJB Hutchings, surface water, authorised.

Seven discharge consents to groundwater were recorded within a 500m radius of the subject site.

Direction	Distance (m)	Operator	Property Type	Discharge Type	Discharge Environment	Receiving Water
N	76	Bolney Lodge	Domestic	Sewage discharges	Freshwater stream/river	Tributary of Bolney sewer
N	76	Bolney Lodge	Domestic	Sewage discharges	Freshwater stream/river	Tributary of Bolney sewer
N	196	Mr & Mrs Wol Kolade	Domestic	Sewage discharges	Freshwater stream/river	Tributary of River Adur
NW	223	Mr Timothy J Lovelock	Domestic	Sewage discharges	Freshwater stream/river	Tributary of River Adur
S	284	CH Wardroper (Builders) Ltd	Shop	Sewage discharges	Freshwater stream/river	Unnamed tributary of River Adur
NE	292	Mr Andrew Vinall	Domestic	Sewage discharges	Freshwater stream/river	Holmbush Gill
NE	292	Mr Tom McGuinness	Domestic	Sewage discharges	Freshwater stream/river	Holmbush Gill

Table 2.1 Discharge consents to controlled water within 500m of the Site

2.4 Hydrology

The nearest surface water feature (drainage ditch) was identified 0m to the north of the site.

Two discharge consents to land were recorded within a 500m radius of the subject site.

Direction	Distance (m)	Operator	Property Type	Discharge Type	Discharge Environment	Receiving Water
N	0	Mr Mark Hale	Sub-station/electricity/gas/air conditioning supply	Sewage discharges	Land	Land
N	2	W Ackroyd	Mixed Farming	Trade discharges	Land	Land

Table 2.2 Discharge consents to controlled water within 500m of the Site

One pollution incident to controlled waters were identified within a radius of 500m of the site.

Direction	Distance (m)	Pollutant	Incident Date	Incident Severity
NE	38	Oils – diesel	12/05/1998	Category 3 – minor incident

Table 2.3 Pollution Incidents to Controlled Waters within 500m of the Site

Given the type, distance and date of these incidents it is considered unlikely that these would have resulted in a detrimental impact on the site and as such these have not been considered further in the assessment.

The site was indicated to be located outside any area designated as being at risk from flooding from rivers or sea without defences.

In reference to the BGS Dataset, the site was indicated to be in an area at risk of limited potential for groundwater flooding to occur. Note, the mapping is a susceptibility set, it does not indicate hazard or risk, i.e. it does not provide any information on the depth to which groundwater flooding occurs or the likelihood of the occurrence of an event of a particular magnitude.

Parts of the site was indicated by the BGS to be in an area identified as a low risk (1000 year return) to high risk (30 year return) of flooding from surface water.

2.5 Radon

Based on data supplied by the British Geological Survey (BGS), the estimated probability of the property being above the Action Level for radon is <1% (of homes are estimated to be at or above action level). No radon protection measures are required for new dwellings or extensions.

2.6 Environmental Data

Searches of other various environmental databases were made as part of the desk study, including air pollution control sites, Part IIA contaminated land, Integrated Pollution Control (IPC) and Integrated Pollution Prevention and Control (IPPC) sites, registered radioactive substances, COMAH sites, explosives sites, Notification of Installations Handling Hazardous Substances (NIHHS) sites, planning permissions for sites involving hazardous substances, fuel station registers, points of interest – commercial services and points of interest – manufacturing and production.

No Contaminated Land Register entries were recorded within a 1km radius of the site.

No Integrated Pollution Controls were recorded within a 500m radius of the site.

No Integrated Pollution Prevention and Control entries were recorded within a 1km radius of the site.

Two (both appear to be for the same site) Local Authority Integrated Pollution Controls were recorded within a 500m radius of the site:

- 31m SW – Bolney Cross Service Station, PG1/14 petrol filling station, permitted.
- 31m SW – Bolney Cross Service Station, PG1/14 petrol filling station, Authorised.

Ten Contemporary Trade Directory entries were recorded within 250m of the site:

- 30m SW – Auto LPG (Sussex), vehicle conversions, inactive.

- 31m SW – Bolney Cross Service Station, petrol filling stations, inactive.
- 67m SW – Pannell & Partners, electrical engineers, inactive.
- 60m E – Wineflow Freight Forwarding, freight forwarding, active.
- 71m NE – C&G Payne, road haulage services, inactive.
- 84m N – Nexnix, electrical goods sales, manufacturers and wholesalers, inactive.
- 96m SW – ABC Motor Sports, garage services, inactive.
- 96m SW – Enhanced Performance, automation systems and equipment, inactive.
- 124m NW – Restoration Workshops, furniture repairing and restoring, inactive.
- 124m NW – Restoration Workshops, Furniture repairing and restoring, inactive.

One fuel station entry was recorded within 500m of the site:

- 31m SW – Bolney Cross Service Station, petrol station, open.

2.7 Soil Chemistry

Data obtained as part of the desk study provides details on the estimated soil chemistry for the natural soils in the vicinity of the site. The estimated soil quality on the subject site is presented Table 2.4.

Contaminant	Estimated Concentration (mg/kg)
Arsenic	15-25
Cadmium	<1.8
Chromium	60-90
Lead	<100
Nickel	15-30

Table 2.4 Estimated Soil Concentrations on Site

The natural background concentrations (where available) were below respective published Soil Guideline Values (SGVs), Generic Assessment Criteria (GAC) and Category 4 Screening Levels (C4SLs) for the protection of human health under a residential land use with plant uptake.

However, these values are not necessarily representative of the site's soil chemistry, nor do they account for a site's historic uses, nor the presence or condition of any potential Made Ground soils. Furthermore, SGVs and GAC are dependent on pH and soil organic matter content. Therefore, concentrations of specific determinands and the utilised SGV/GAC cannot be determined without site specific investigation and analysis.

2.8 Sensitive Land Uses

A Nitrate Vulnerable Zone (NVZ) was noted on-site. Nitrate Vulnerable Zones are areas designated as being at risk from agricultural nitrate pollution.

A search was also made of additional environmentally sensitive areas, including areas of green belt, scenic or natural beauty, parks, reserves, protected conservation and scientific areas. No such environmental sensitivities were identified within 1km of the site.

2.9 Geotechnical Data

According to the Coal Authority, the site was located in an area that might not be affected by coal mining activities.

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National databases for a number of different geological hazards have been compiled by the BGS, and a summary of the hazard data pertaining to the site itself is presented in Table 2.5.

Hazard	Designation
Non-coal mining	No hazard to Highly Unlikely
Collapsible ground	Very low
Compressible ground	No hazard
Ground dissolution	No hazard
Landslide	Very low
Running sand	No hazard
Shrinking and Swelling clay	No hazard to low

Table 2.5 Summary of BGS Geological Hazards

No man-made mining cavities were identified within 1km of the site.

Two BGS recorded mineral sites were recorded within 500m of the site:

- 396m NW – Omonde Hall Pits, Weald Clay Formation, Opencast, ceased.
- 467m SW – Nailards Wood Gravel Pit, Upper Tunbridge Wells Sand, opencast, ceased.

No natural cavities were identified within 1km of the site.

2.10 Landfill and Waste Management Facilities

A search of BGS recorded landfill sites, IPC registered waste sites, licensed waste management facilities, local authority recorded landfill sites, other registered landfill sites, waste transfer stations and other waste treatment or disposal sites was undertaken as part of the desk study. Such sites may form an artificial source of ground gases, such as carbon dioxide and methane, where wastes are buried or disposed of to landfill.

No such facilities were noted within 500m of the site.

2.11 Historic Mapping

Historic maps dating back to 1875 were obtained as part of the desk study. A summary of the apparent key features observed on the map extracts both on the site and within the local area is presented within Table 2.6.

Date	On Site	Off Site
1875-76	The site formed part of a field network.	The surrounding area formed a field network with woodland and a scattering of residential properties to the north, east and south, Bolney village to the south-east, and fields to the west. A small old sand pit was indicated adjacent to the western boundary.
1879	No significant changes indicated.	No significant changes indicated.
1897	No significant changes indicated.	The old sand pit was no longer indicated. A smithy was indicated c.50m to the south-east.
1899	No significant changes indicated.	No significant changes noted.
1911-12	No significant changes indicated.	A pond was indicated adjacent to the north-eastern boundary.
1912-13	No significant changes indicated.	No significant changes indicated.

Date	On Site	Off Site
1937-38	No significant changes indicated.	Foxhole, a residential property was indicated adjacent to the western boundary. The smithy to the south-east was no longer indicated. There had been some residential development to the south.
1947-50 Aerial	No significant changes noted.	No significant changes noted.
1951-52	No significant changes indicated.	No significant changes noted.
1956-58	Six farm buildings were indicated within the western portion of the site adjacent to Foxhole, these farm buildings were commensurate with those observed during the site walkover. Five horse paddocks were indicated within the eastern portion	There had been some residential development to the east.
1962-63	No significant changes indicated.	No significant changes noted.
1964-78	No significant changes indicated.	There had been further residential development to the east.
1977	No significant changes indicated.	No significant changes noted.
1994	No significant changes indicated.	No significant changes noted.
1999 Aerial	No significant changes noted.	No significant changes noted.
2000	No significant changes noted.	No significant changes noted.
2006	No significant changes noted.	No significant changes noted.
2023	An additional farm building was indicated within the central portion of the site.	No significant changes noted.

Table 2.6 Summary of Historic Map extracts

Historic mapping has shown the site comprised fields with a farmyard indicated within the western portion c.1956 and additional building constructed between the mapping of 2006 and 2023. No other changes were noted.

The surrounding land comprised a field network with an old sand pit indicated adjacent to the western boundary c.1875 to c.1897. Over the mapping there was a limited amount of residential development. A smithy was indicated to the south-east c.1897 to c.1937. No other significant changes were noted from the mapping.

2.12 Asbestos

During the site walkover, potential asbestos containing materials were noted on-site within existing farm buildings. It is therefore likely that asbestos containing materials (ACM) may be present on-site. In line with current best practice, asbestos and ACM should be assumed to be present until proven otherwise.

Consideration for the potential for asbestos to be present within the shallow soils or entrained within or below any encountered concrete on the site should be given when designing any site investigations, therefore asbestos identification should be included within the suite of testing of contaminants on site.

2.13 Previous Ground Investigations

Geo-Environmental was not aware of any previous investigations that had been undertaken on the subject site.

2.14 Potential Contamination

Limited potentially contaminative activities have been identified on the site (the site forms a farm). However, the sites agricultural past has the possibility for contaminants to be present, including pesticides and potentially asbestos containing materials within the farmyard buildings. These contaminants of concern could be present within any shallow soils underlying the site. In addition, potential asbestos containing materials were noted on-site.

Whilst gross contamination is considered unlikely based on the information reviewed, it would be prudent to assume the presence of commonly occurring brownfield contaminants such as metals, inorganics, PAH compounds, TPH compounds, and asbestos supplemented with pesticide screening. Testing would be recommended to verify the actual concentrations of these substances within the near surface soils.

2.15 Preliminary UXO Threat Assessment

A preliminary assessment was made using Zetica mapping. The mapping indicated the site to be at a low risk from unexploded ordnance.

2.16 Ground Gas Summary

The desk study has identified not identified any potential sources of ground gases on or off site within 500m. It was therefore likely that there was a negligible risk from ground gases.

3.0 PRELIMINARY ASSESSMENT

Based on the findings of the desk study, the following sections summarise the anticipated geotechnical and environmental factors likely to impact the site.

3.1 Geotechnical Risk Assessment

3.1.1 Potential Geotechnical Issues

The following factors that might impact the geotechnical condition of the site were identified as part of the desk study:

Hazards identified as being potentially present on site could have implications for foundation design and construction. A summary of commonly occurring geotechnical hazards is given in the following table:

Geotechnical Hazard	Probability	Engineering Implications
Lateral changes in ground conditions	Likely	There are likely to be variations in the composition of the Upper Tunbridge Wells Sand Formation and Weald Clay Formation which could have implications for the foundation design.
Shrinkable soils	Likely	Both the Upper Tunbridge Wells Sand Formation and the Weald Clay Formation are likely to contain shrinkable horizons and foundations could require deepening within the zone of moisture demand of trees (current, proposed or recently felled).
Significant depths of Made Ground	Low	The site has not been historically developed other than the farmyard buildings.
Aggressive chemical ground conditions (sulphates)	Likely	The possible presence of aggressive chemical ground conditions within the underlying geology may affect foundation design and construction.
Shallow Groundwater	Low	There is potential for shallow groundwater within the Upper Tunbridge Wells Sand Formation and perched water within more granular pockets of the Weald Clay Formation.
Potential for shallow soakaways	Unlikely	Soakaways may not be feasible due to the potential cohesive ground conditions and shallow groundwater anticipated.
Potential for dissolution features	Unlikely	N/A
Potential for slope stability issues	Unlikely	Parts of the site sloped slightly however; no movement was noted.

Table 3.1 Possible Geotechnical Hazards

3.2 Preliminary Environmental Conceptual Site Model & Risk Assessment

3.2.1 Methodology

A Preliminary Risk Assessment (PRA) and Conceptual Site Model (CSM) has been prepared in accordance with Land Contamination Risk Management (LCRM) based on information obtained as part of the desk study. Possible risks associated with potential sources of contamination and sensitive receptors identified have been assessed following a source-pathway-receptor (SPR) approach in accordance with current UK protocols.

A risk may only exist where a plausible SPR linkage is present, and where the quantity or concentration of a contaminant is sufficient so as to cause harm. Under the statutory definition, "Contamination" may only strictly exist where contaminants pose a risk of harm to a receptor. Risk may be defined as a function of the likelihood and severity of any adverse effects arising from contamination. The risk classification has been assessed in accordance with CIRIA C552 (Rudland et al., 2001). A summary of how the risks is derived and their definitions are presented in Tables 3.2 & 3.3 below.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very high risk	High risk	Moderate risk	Moderate/low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Table 3.2 Risk Ratings Matrix

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

Table 3.3 Risk Rating Definitions

3.2.2 Summary of Plausible Sources

Possible sources of contamination identified from the desk study are summarised in Table 3.4.

Source	Description	Contaminants	Plausible (Y/N)
Made Ground and shallow soils	The general quality of Made Ground, if encountered, and natural shallow soils could be impacted by the presence of contamination associated with the sites historical agricultural use.	Possible elevated concentrations of metals, metalloids, organic contaminants to include TPH and PAH compounds, and inorganic compounds such as sulphates, pesticides and asbestos.	Y
Historic landfills (off-site)	Potential risk from ground gases from migration from off-site ground gas sources.	Methane, carbon dioxide, depleted oxygen.	N – no sources were identified.

Table 3.4 Possible Sources of Contamination

3.2.3 Summary of Plausible Pathways

The plausible pathways are summarised in Table 3.5. These pathways are based on the proposed end use, including houses and gardens.

Pathway	Description
Direct Contact	Ingestion and inhalation of soil derived dust (including tracked back dust), ingestion of home grown produce, dermal contact.
Inhalation	Inhalation of soil dust both inside and outside of buildings.
Vertical & Lateral Migration	Contaminant movement both vertically through leaching/gravity and horizontally along preferential pathways, e.g. services trenches, or with groundwater/perched water.
Root Uptake	Uptake of soil and waterborne contaminants by plants.
Chemical Attack	Attack of buried plastics and concrete by aggressive ground conditions.

Table 3.5 Possible Contamination Pathways

3.2.4 Summary of Plausible Receptors

Potential receptors associated with the site and its development are summarised in Table 3.6.

Receptor	Description	Comments
End Users	Residents of the proposed development.	The proposed development is likely to include private and communal gardens and public open space.
Soft Landscaping	Possible areas of planting including lawns, shrubs, trees, etc.	Planting is anticipated in gardens, soft landscaping and public open space.
Built Environment	Buried concrete for foundations and plastics for potable water supply pipes may be laid in contact with contaminated soils or aggressive natural deposits.	Aggressive ground conditions may be present beneath the site.
Adjacent Land Users	Sensitive land uses identified within the immediate vicinity.	Adjacent land included residential properties.

Receptor	Description	Comments
Groundwater	The Upper Tunbridge Wells Sand Formation and Weald Clay Formation are Secondary A Aquifers, shallow groundwater is likely.	The site is located in a NVZ but is outside any SPZ.
Surface Water	Controlled Waters within lakes, rivers, and ponds, etc.	A drainage ditch was noted on-site, a pond within the grounds of a residential property was noted off-site.

Table 3.6 Possible Receptors of Contamination

Site workers involved in the preparation and construction of the development have not been considered in this assessment as the Principal Contractor is duty bound under the current CDM Regulations to undertake their own risk assessments with respect to their employees.

Whilst the above sources and receptors have been identified, Table 3.7 summarises the identified plausible pollution linkages and a qualitative assessment of the risks based on the desk study research.

Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification
Contaminants of Concern (On-site Made Ground and Shallow Soils)	End users	Direct contact	Likely	Mild	Moderate to Low Made Ground is unlikely to be present on-site or if present is anticipated to be limited in extent. Private and communal gardens, soft landscaping and public open space are included within the proposed development. Should contaminants of concern be identified, risk mitigation could be applied within the development to protect end users. The scope and type of risk mitigation would depend on the contamination/impact present. Site investigation and chemical testing required to assess the risk further.
	Soft Landscaping	Root Uptake	Low	Mild	Low Gardens, soft landscaping and public open space are anticipated. No evidence of harm to existing plant life was identified. Site investigation and chemical testing required to assess the risk further.
	Adjacent land users	Direct contact	Unlikely	Minor	Very Low Adjacent site users are unlikely to come into contact with soils. Site investigation and chemical testing required to assess the risk further.
	Water supply pipes	Direct contact	Low	Mild	Low Water supply pipes could come into contact with impacted or aggressive soils depending upon depth of installation and extent of soil impact. Site investigation and chemical testing required to assess the risk further.
	Buildings and infra-structure	Direct contact	Likely	Mild	Moderate to Low Foundations and utilities will be placed within potentially

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Potential Source/media	Potential Receptors	Potential Pathways	Likelihood	Severity	Risk and Justification
					aggressive soils. Site investigation and chemical testing required to assess the risk further.
	Groundwater	Vertical migration	Likely	Minor	Low Shallow groundwater is likely, with shallow groundwater within the Upper Tunbridge Wells Sand Formation and Weald Clay Formation. The stratas beneath the site are classified as Secondary A Aquifers and the site is not located in a SPZ.
	Surface water	Lateral migration	Unlikely	Mild	Very Low The only surface water features were noted on-site was a drainage ditch. The nearest off-site feature was a pond within a neighbouring garden. Site investigation and chemical testing required to assess the very low risk.

Table 3.7 Plausible Pollutant Linkages & Qualitative Risk Assessment

3.3 Preliminary Risk Assessment Summary

The Preliminary Risk Assessment (PRA) and Conceptual Site Model (CSM) developed from the information gathered as part of the desk study process have identified plausible potential pollutant linkages that exist in relation to the proposed redevelopment of the site.

The potential pollutant linkages established within this desk study are not considered to prevent development on the subject site, but could require investigation and assessment to support further characterisation, calibration of the CSM and where/if necessary determine a remedial strategy to reduce, remove or otherwise control any risk within the site to key receptors.

It is considered that the overall risk from potential contamination on the site is 'Low to Very Low' albeit with specific potential pollutant linkages being assigned a moderate - low to very low risk rating and that further assessment would be necessary to satisfy planning conditions or to provide clarification of the risk assessment.

In order to progress this assessment in line with the National Planning Policy Framework, to provide further characterisation of the site and refinement of the PRA and CSM, it is recommended that intrusive investigation and associated testing is undertaken to confirm the findings of the desk study report and to provide a robust risk assessment for the site and proposed redevelopment. As such it is recommended that geochemical and geotechnical investigation be carried out on the site to include analysis of soil and groundwater (if encountered) samples for the range of potential contaminants identified within the Desk Study.

3.4 Preliminary Geotechnical Assessment Summary

The site is anticipated to be underlain by a mantle of Topsoil with the Upper Tunbridge Wells Sand Formation and Weald Clay Formation at depth.

A ground investigation is required to determine the feasibility of conventional shallow foundations based on the anticipated ground conditions and potential shallow groundwater. A piled foundation scheme may be more appropriate particularly where shrinkable soils are present in the vicinity of trees or where high column loads are anticipated. The investigation should also inspect and test the near surface soils to assess their suitability for pavements and ground bearing floor slabs.

The anticipated ground conditions are likely to be relatively impermeable and the likely high groundwater would restrict storage volumes. Therefore, conventional soakaways may not be feasible. Soakage testing in accordance BRE Digest 365 would be required to determine the feasibility of shallow soakaways.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Historic mapping has shown the site comprised fields with a farmyard indicated within the western portion c.1956 and an additional building constructed between the mapping of 2006 and 2023.

The proposed end use of the site is understood to comprise a residential development with anticipated areas of private and communal gardens, soft landscaping, public open space, associated infrastructure and access.

It is concluded that the overall risk of harm to end users is generally moderate to low to very low (as defined in Section 3) but that further assessment is likely to be required in order to better characterise possible contamination on-site as result of current and historical land uses and the associated risk to human health and the environment.

It is likely that conventional foundations would be suitable for the proposed development.

4.2 Recommendations

At this stage and based on the findings of the desk study and preliminary risk assessment, the following scope of works is recommended for the intrusive investigation on the site.

- Intrusive investigation works should be carried out in order to clarify the geotechnical and geo-environmental issues pertaining to redevelopment of the site.
- Soil and groundwater (if encountered) sampling and analysis should be undertaken to inform subsequent geotechnical and geo-environmental risk assessment.
- Infiltration testing of the near surface soils.
- Laboratory analysis, on soil samples recovered from the exploratory holes for a range of geotechnical parameters to support foundation design and the like.
- Laboratory analysis, on shallow soil samples and groundwater samples recovered from the exploratory holes, for an analytical suite to include the potential contaminants identified within the desk study and encountered during any intrusive investigation. The suite should include commonly occurring metals, non-metals, asbestos, pesticides, TPH, and PAH.
- The analysis of the potential asbestos containing material noted on-site.
- Waste Characterisation and Acceptance Criteria testing may be required if surplus spoil is to be disposed of from the development.

It may be necessary to undertake remediation/risk mitigation measures on this site to break pollutant linkages and thus protect key receptors such as human health, controlled waters, built environment, soft landscaping and the like. The requirement and extent of any such remediation cannot be determined until such time as an intrusive investigation and associated testing has been completed.

FIGURE 1

Site Location Plan

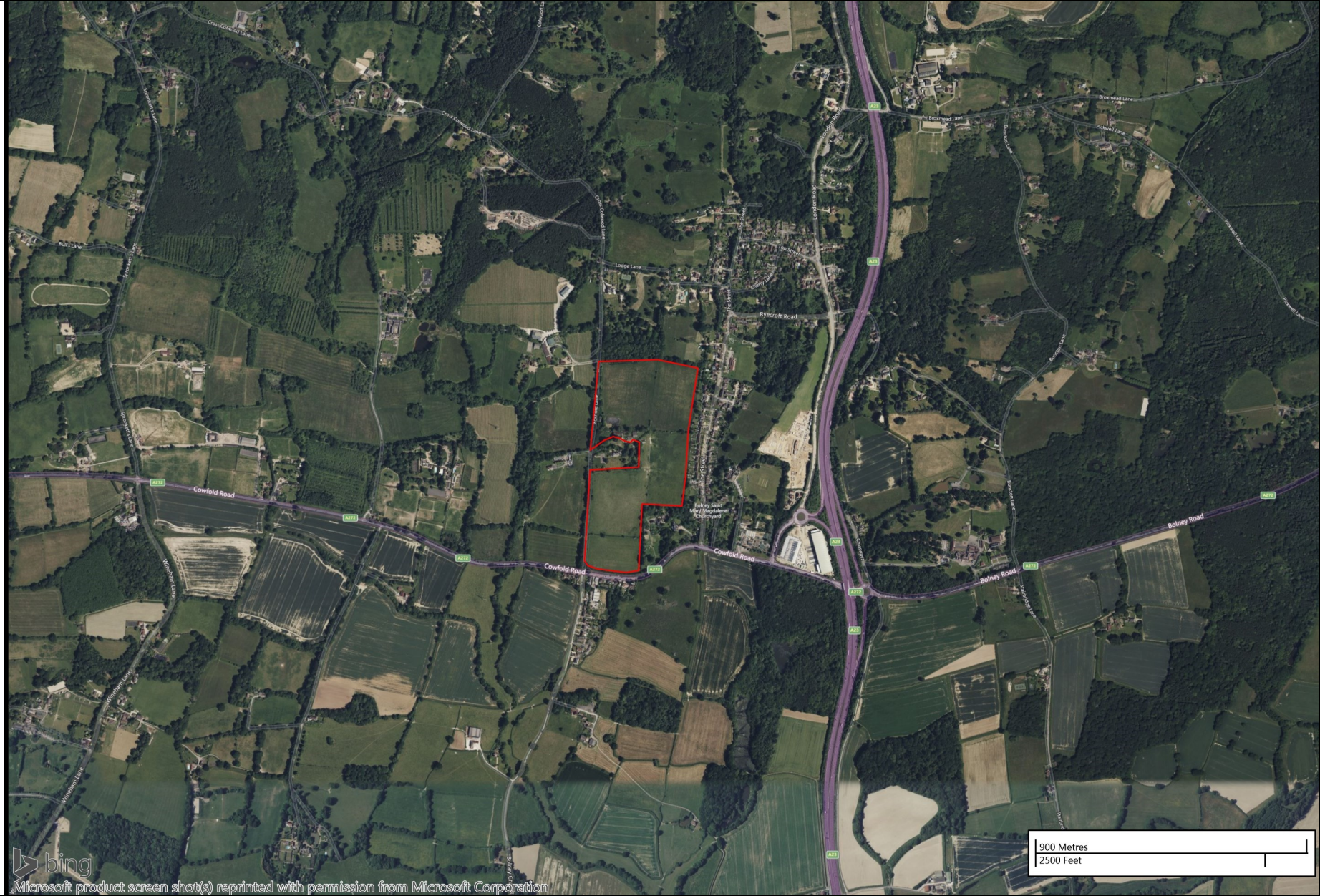


Project Title: Foxhole Farm, Bolney
Location : Bolney, West Sussex
Project No. : GE22035
Client : Wates Developments Limited

Title : Figure 1 - Site Location Plan
Scale: 1:18000
Engineer: Anthony



Legend Key
Project Bounds - Project Bounds



Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation

FIGURE 2

Proposed Development Plan



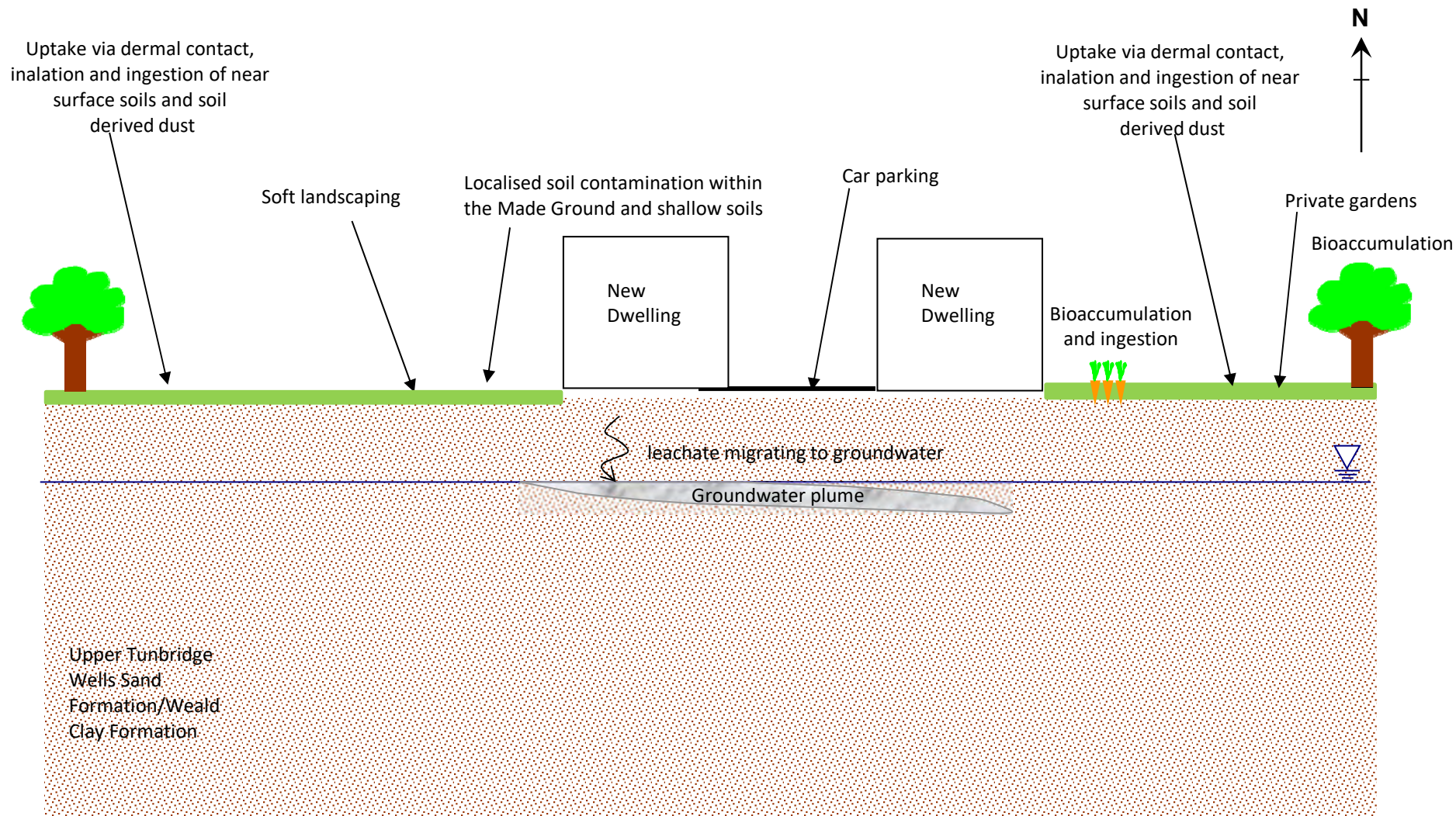


Project:	Foxhole Farm, Bolney			Title	Proposed Development Plan		
Client:	Wates Developments Limited			Geo-Environmental Services Ltd Unit 7 Danworth Farm, Cuckfield Road Hurstpierpoint, West Sussex BN6 9GL +44(0)1273 832972 www.gesl.net		 Geo-Environmental	
Ref No:	GE22035	Revision:	v1				
Drawn:	AP	Date:	17/11/2023				
Figure:	2	Scale:	nts				

FIGURE 3

Preliminary Conceptual Site Model (Future Use)



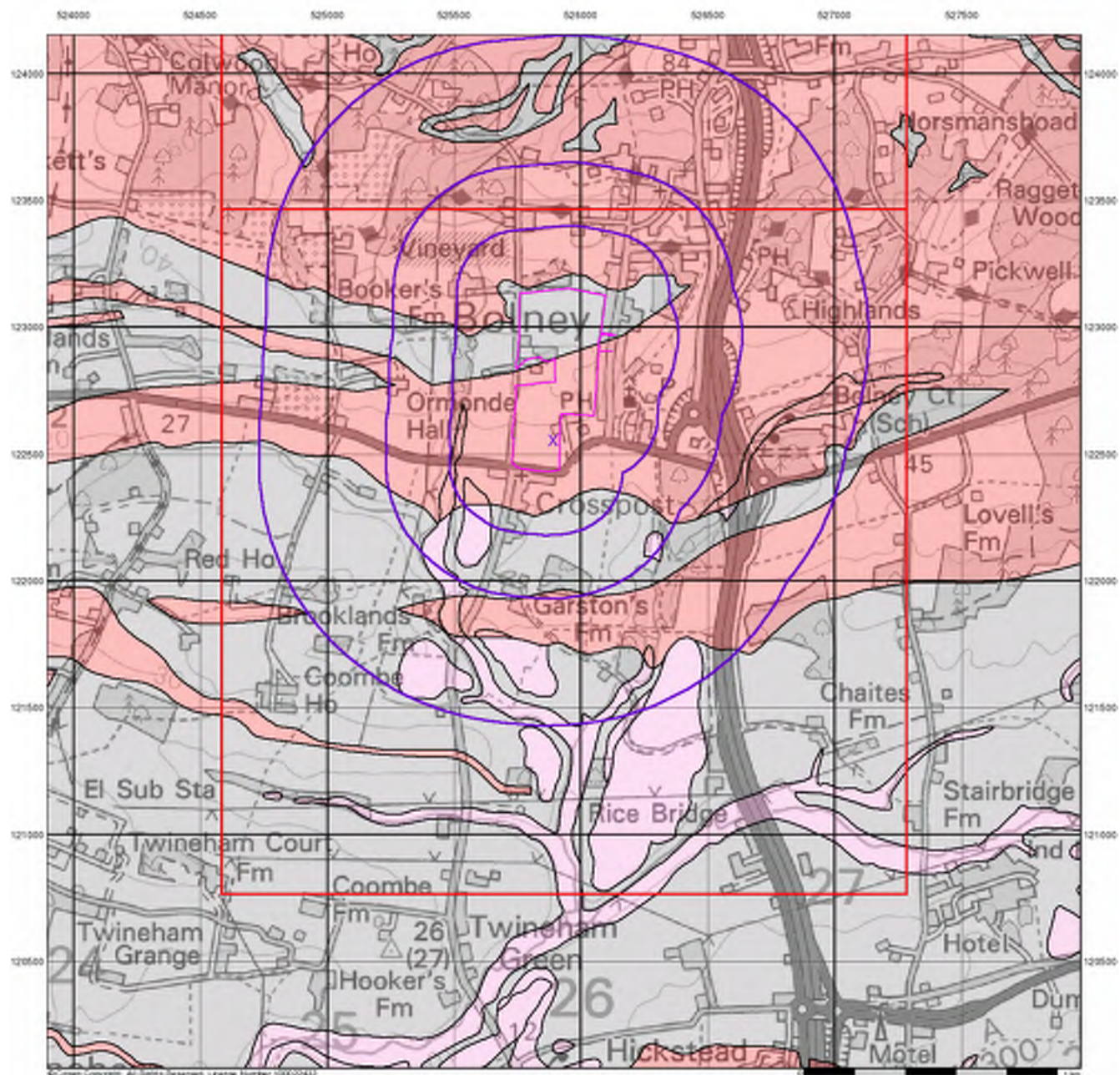


Project:	Foxhole Farm, Bolney			Title	Conceptual Site Model (Future Land Use)	
Client:	Wates Developments Limited			Geo-Environmental Services Ltd Unit 7 Danworth Farm, Cuckfield Road Hurstpierpoint, West Sussex BN6 9GL +44(0)1273 832972 www.gesl.net	 Geo-Environmental	
Ref No:	GE22035	Revision:	1.0			
Drawn:	AP	Date:	17/11/2023			
Figure:	3	Scale:	Not To Scale			

APPENDIX A

Desk Study Data





Geo-Environmental Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

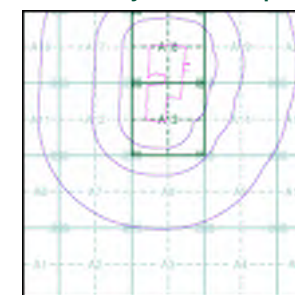
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

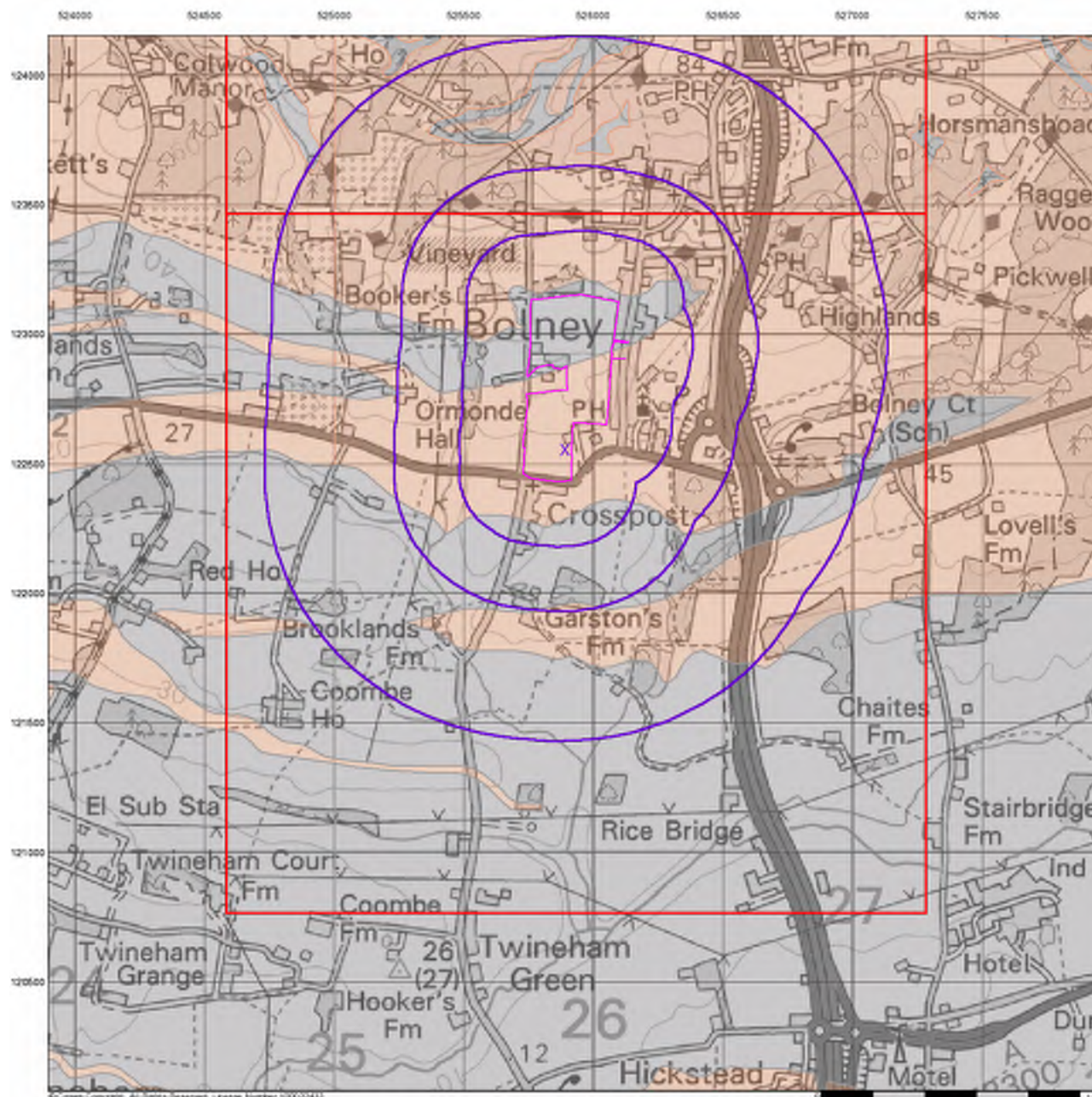
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 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental Bedrock Aquifer Designation

General

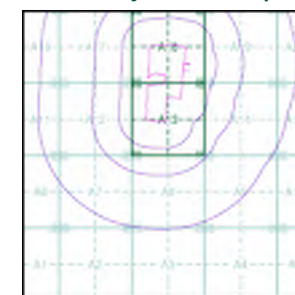
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

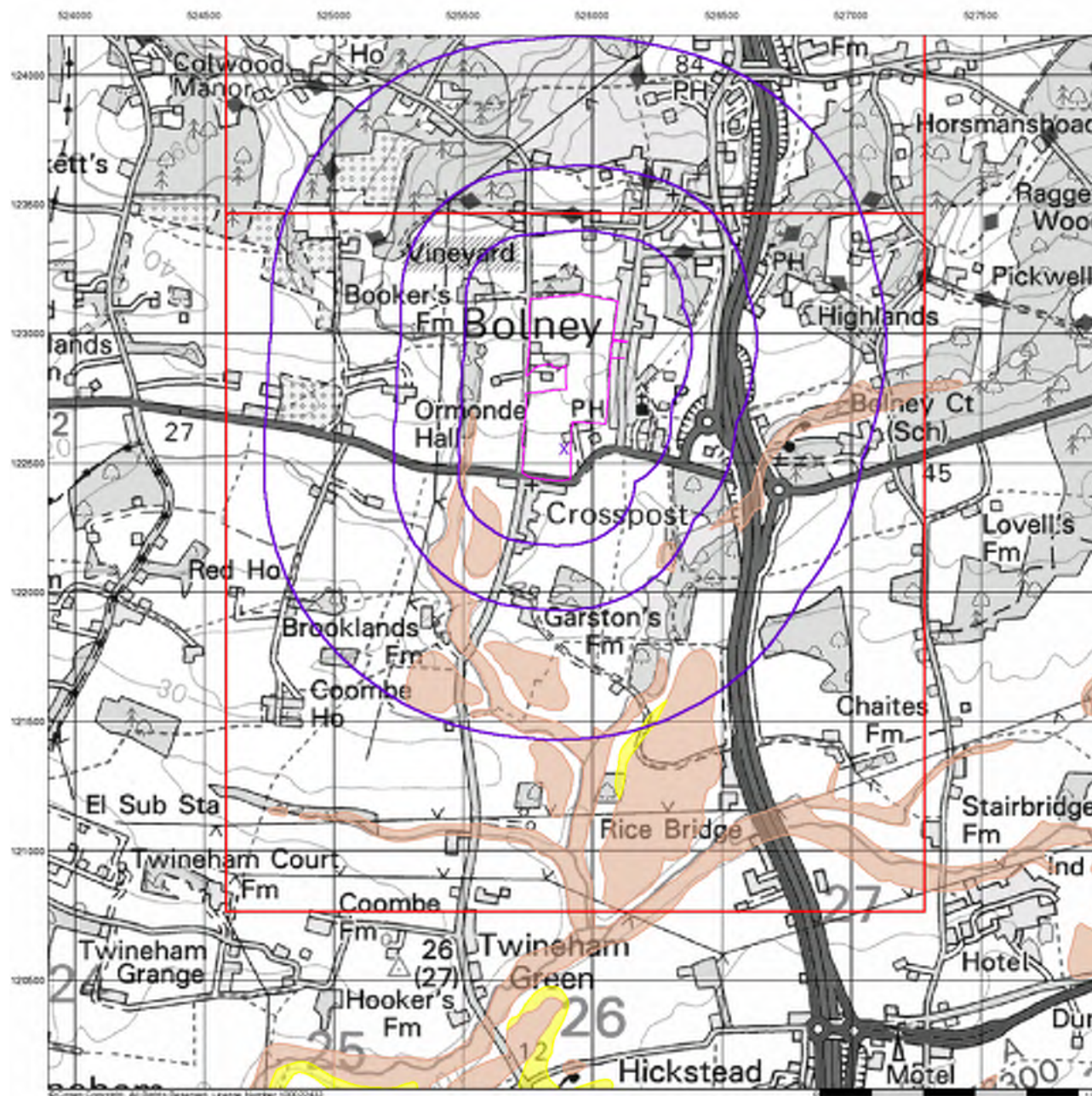
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 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental Superficial Aquifer Designation

General

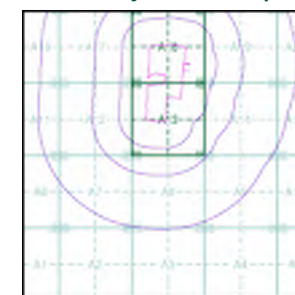
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

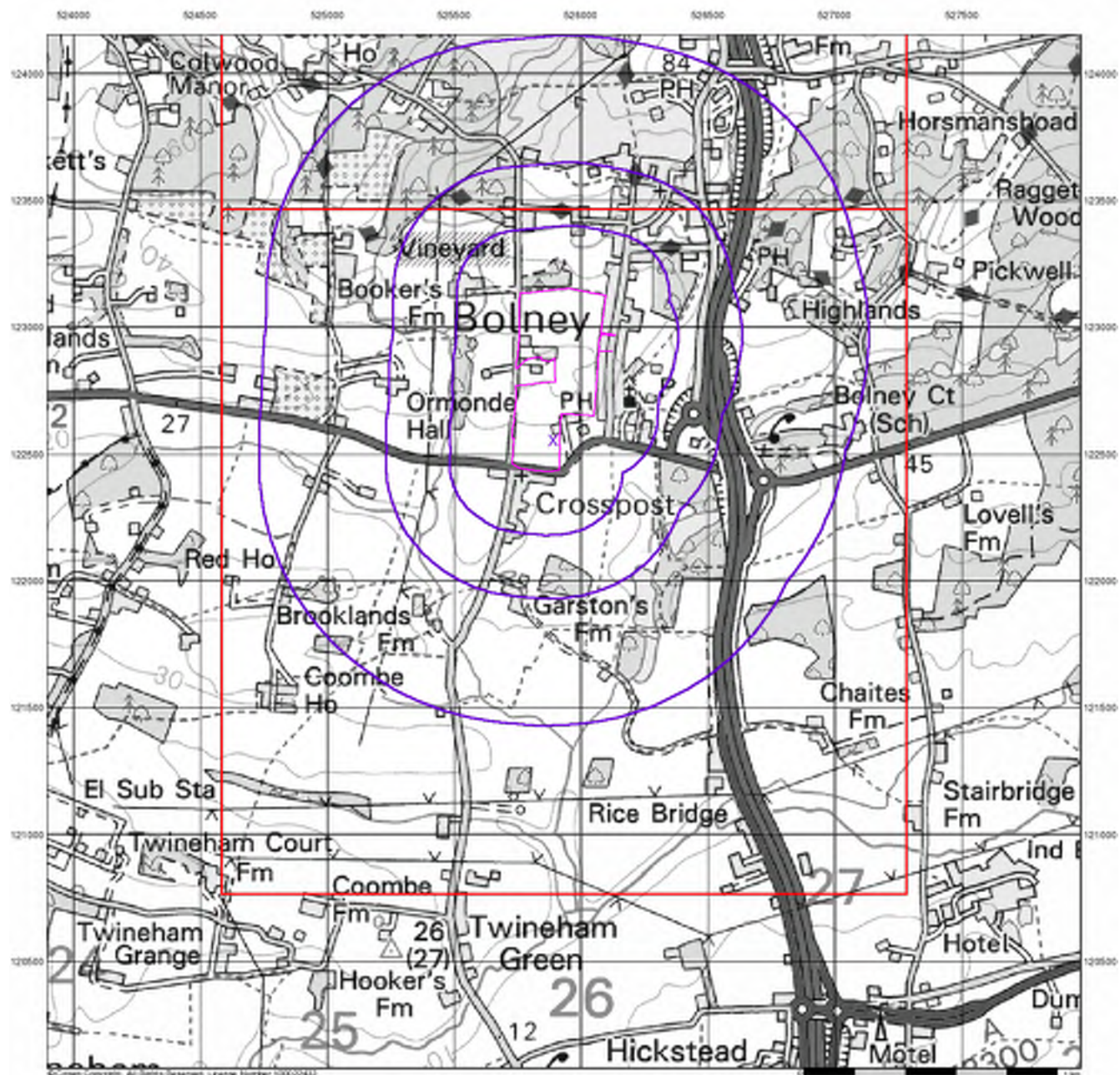
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 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental Source Protection Zones

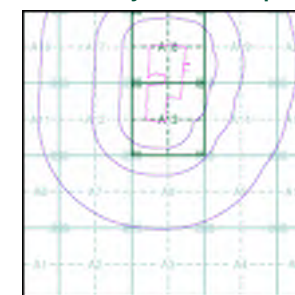
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- ▨ Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- ▨ Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- ▨ Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

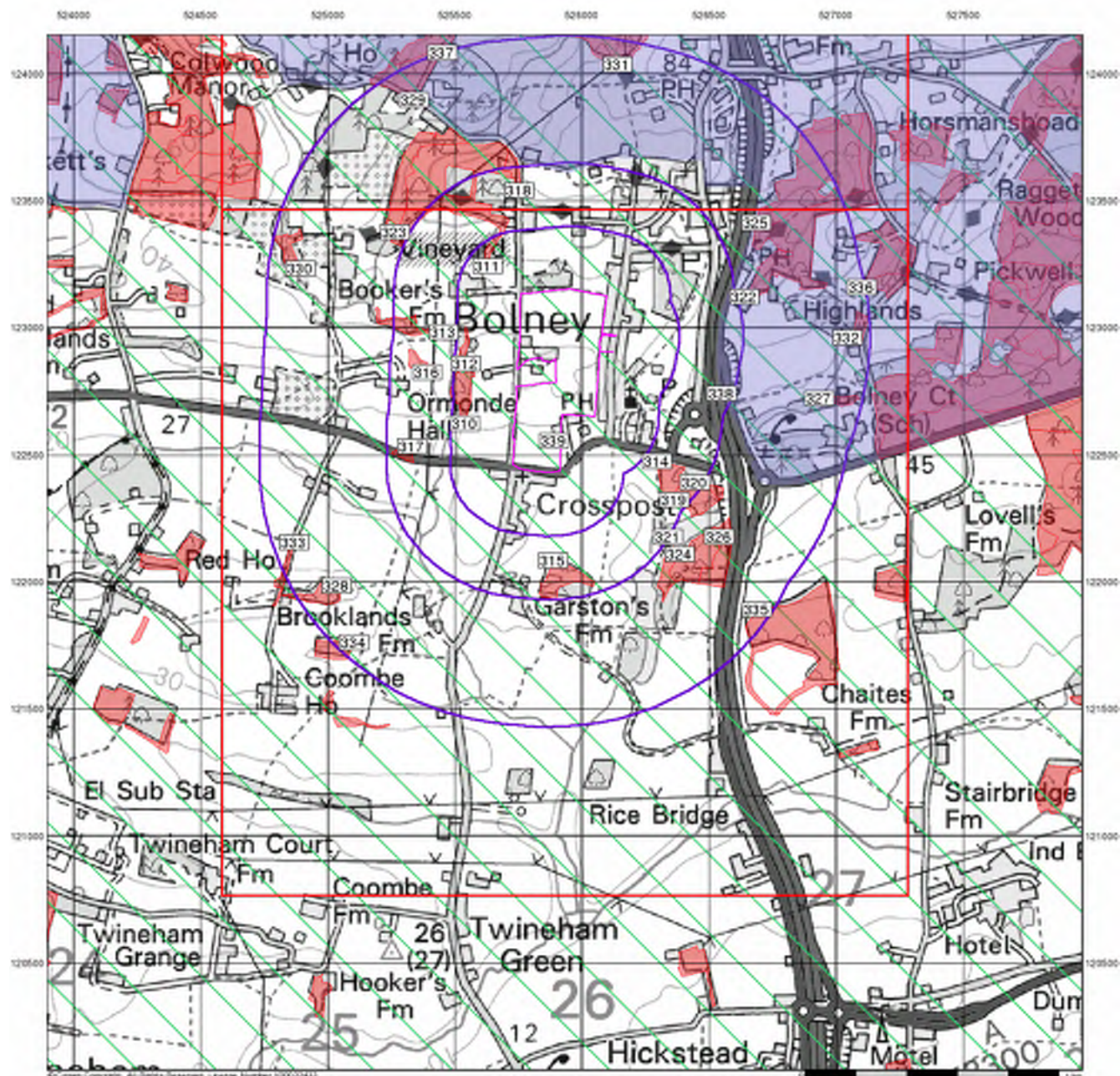
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental Sensitive Land Uses

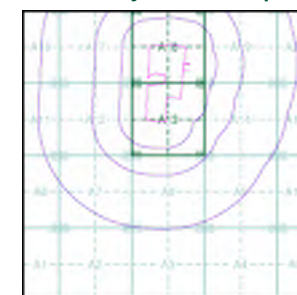
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

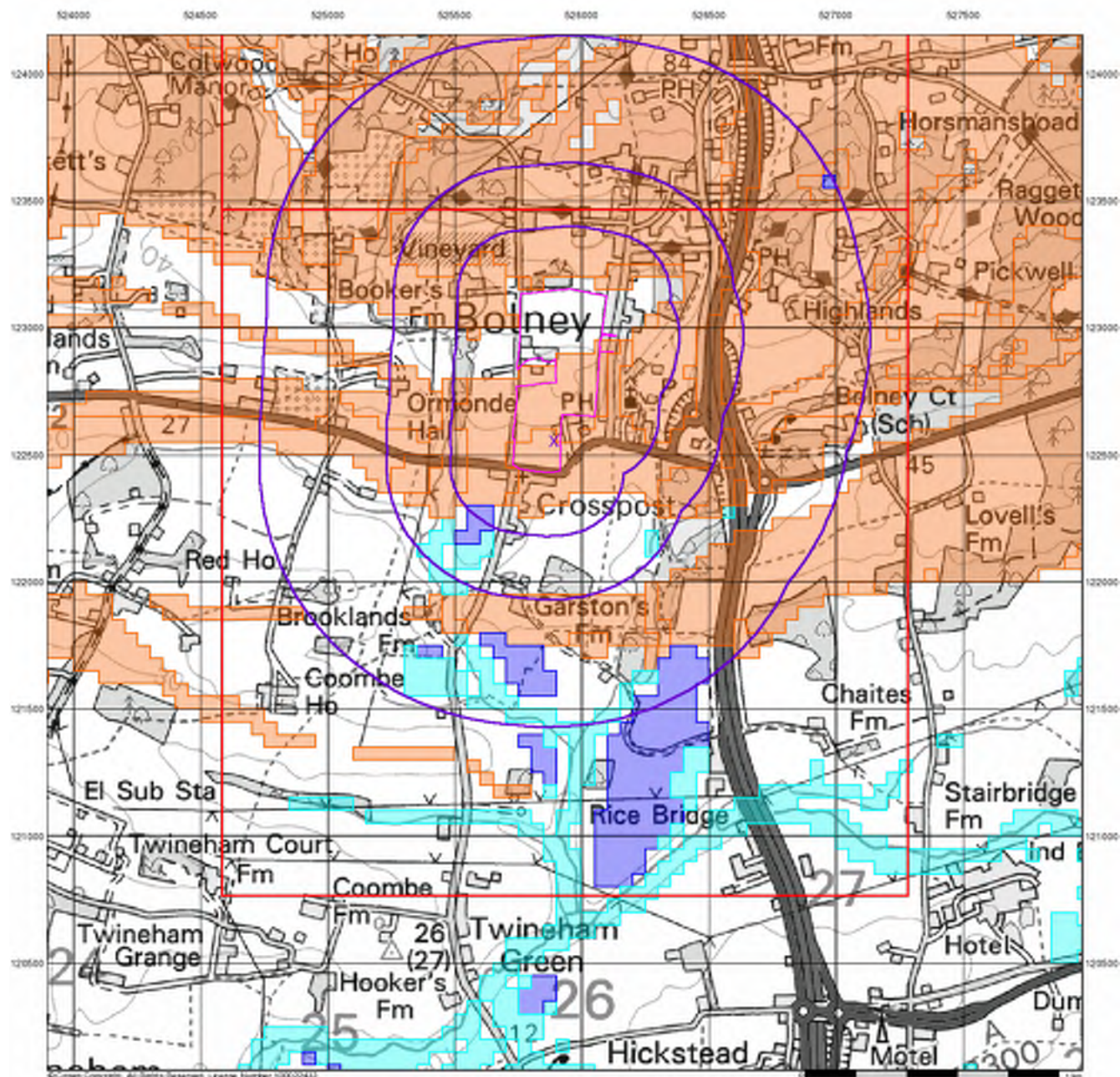
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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Geo-Environmental

BGS Flood GFS Data

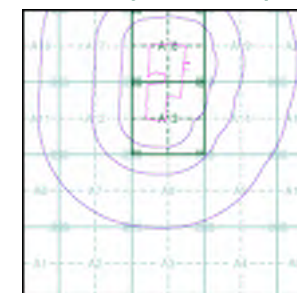
General

- Specified Site
- Specified Buffer (m)
- 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: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

323927451_1_1

Customer Reference:

GE22035

National Grid Reference:

525890, 122550

Slice:

A

Site Area (Ha):

18.27

Search Buffer (m):

1000

Site Details:

Foxhole, Foxhole Lane

Bolney

HAYWARDS HEATH

RH17 5NB

Client Details:

Mr A Potter

Geo Environmental Services Ltd

Unit 7 Danworth Farm

Cuckfield Road

Hurstpierpoint

West Sussex

BN6 9GL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
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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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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 2	1	5	3	15
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 8		2		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8	Yes			
Pollution Incidents to Controlled Waters	pg 8		1		2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register					
River Quality Chemistry Sampling Points					
Water Abstractions	pg 9			2	2 (*3)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12	6	38	44	164

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 41	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 41				1
Potentially Infilled Land (Water)	pg 41				1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 42	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 42	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 43			1	3
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					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 44	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 44	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 44		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 44	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 44		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 44	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 45		10		8
Fuel Station Entries	pg 46		1		
Points of Interest - Commercial Services	pg 46		6		4
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 47		2	1	5
Points of Interest - Public Infrastructure	pg 48		3	1	9
Points of Interest - Recreational and Environmental	pg 49		3		
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 50		3	8	17
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 52			1	
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 52	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	0	1	525891 122554
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (E)	0	1	525900 122554
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	8	1	525750 123000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	9	1	526150 122650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18NW (N)	13	1	525800 123150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18NE (N)	16	1	526050 123150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	121	1	526250 123000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	156	1	525600 122950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	179	1	525650 122300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	181	1	525550 122554
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	266	1	525650 122200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	281	1	525450 122600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	281	1	525450 122500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	314	1	525500 122250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	353	1	526300 122400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	410	1	526300 122300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	412	1	526250 122200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	417	1	526550 122700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	482	1	525891 121950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Mr Mark Hale Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Paynes Garage, The Street, Bolney, West Sussex, Rh17 5pe Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P11701 Permit Version: 1 Effective Date: 30th April 2003 Issued Date: 30th April 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Land Receiving Water: Land 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	A18SE (N)	0	2	526020 123020
2	Discharge Consents Operator: W Ackroyd Property Type: Mixed Farming Location: Foxhole Farm Buildings, Foxhole Lane, Bolney, Haywards Heath, Rh17 5nb Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/57su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 19th April 2004 Discharge Type: Trade Discharge - Process Water Discharge: Into Land Environment: Into Land Receiving Water: Into Land Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	2	2	525840 122880
3	Discharge Consents Operator: Bolney Lodge Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bolney Lodge, Foxhole Lane, Bolney, West Sussex, Rh17 5rt Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprwb3997vza001 Permit Version: 1 Effective Date: 22nd June 2022 Issued Date: 22nd June 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Tributary Of Bolney Sewer Receiving Water: Tributary Of Bolney Sewer Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	76	2	525809 123214
3	Discharge Consents Operator: Bolney Lodge Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bolney Lodge, Foxhole Lane, Bolney, West Sussex, Rh17 5rt Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprwb3997vz Permit Version: 1 Effective Date: 20th June 2022 Issued Date: 20th June 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Tributary Of Bolney Sewer Receiving Water: Tributary Of Bolney Sewer Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	76	2	525809 123214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Mr And Mrs Wol Kolade Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Bolney Lodge, Foxhole Ln, Bolney Bolney Lodge, Foxhole Lane, Bolney, West Sussex, Rh17 5rt Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P12914 Permit Version: 1 Effective Date: 2nd November 2006 Issued Date: 2nd November 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Adur 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	A18NW (N)	196	2	525770 123330
5	Discharge Consents Operator: Mr Timothy J Lovelock Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hangerwood Farm, Bolney Hangerwood Farm, Foxhole Lane, Bolney, West Sussex, Rh17 5nb Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P12154 Permit Version: 1 Effective Date: 6th August 2004 Issued Date: 6th August 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib. River Adur 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	A12NE (NW)	223	2	525520 122720
6	Discharge Consents Operator: C.H. Wardroper (Builders) Ltd. Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Service Road At Chapel Road, Bolney Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01005 Permit Version: 1 Effective Date: 23rd July 1965 Issued Date: 23rd July 1965 Revocation Date: 3rd March 1994 Discharge Type: Discharge Of Other Matter-Surface Water 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	A13SW (S)	284	2	525740 122160
7	Discharge Consents Operator: Mr Andrew Vinall Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ryecroft House & Ryecroft Cottage, Ryecroft Road, Bolney, West Sussex, Rh17 5ps Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprrb3197rc Permit Version: 1 Effective Date: 29th May 2020 Issued Date: 29th May 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holmbush Gill Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	292	2	526375 123214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Mr Tom McGuinness Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ryecroft House & Ryecroft Cottage, Ryecroft Road, Bolney, West Sussex, Rh17 5ps Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprrb3197rc Permit Version: 1 Effective Date: 29th May 2020 Issued Date: 29th May 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holmbush Gill Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	292	2	526375 123214
8	Discharge Consents Operator: Mr And Mrs J Seward Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Highlands, (Adj To Queens Head Public House, Bolney, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07155 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	511	2	526560 123340
8	Discharge Consents Operator: Mr And Mrs J Seward Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Highlands, (Adj To Queens Head Public House, Bolney, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07155 Permit Version: 1 Effective Date: 20th November 1998 Issued Date: 20th November 1998 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land 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	A19NW (NE)	511	2	526560 123340
9	Discharge Consents Operator: Antony P Sandeman Property Type: Mixed Farming Location: Garstons Farm, Chapel Lane, Bolney, Haywards Heath West Sussex, Rh17 5ne Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/60su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 25th October 2004 Discharge Type: Trade Discharge - Process Water Discharge: Into Land Environment: Receiving Water: Into Land 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	A8NW (S)	512	2	525740 121930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Autologic Property Type: Undefined Or Other Location: G & W Motors, London Road, Bolney, Haywards Heath, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01572 Permit Version: 2 Effective Date: 19th March 1996 Issued Date: 19th March 1996 Revocation Date: 19th March 1996 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Into Land 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	A19NW (NE)	591	2	526590 123450
10	Discharge Consents Operator: Autologic Property Type: Undefined Or Other Location: G & W Motors, London Road, Bolney, Haywards Heath, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01572 Permit Version: 1 Effective Date: 18th May 1979 Issued Date: 18th May 1979 Revocation Date: 19th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water 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 100m	A19NW (NE)	591	2	526590 123450
11	Discharge Consents Operator: **Multi-Ownership Consent***** Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Properties At Old Mill House Far, Cowfold Road, Boln Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P06401 Permit Version: 1 Effective Date: 23rd December 1996 Issued Date: 23rd December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually corrected supplier location	A17NW (NW)	619	2	525140 123150
12	Discharge Consents Operator: D.P. Sandeman Esq. Property Type: Undefined Or Other Location: Brooklands Farm, Bolney Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02009 Permit Version: 1 Effective Date: 10th June 1971 Issued Date: 10th June 1971 Revocation Date: 1st July 1991 Discharge Type: Unknown 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	A7NE (SW)	655	2	525460 121860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: D.P. Sandeman Esq. Property Type: Undefined Or Other Location: Brooklands Farm, Bolney Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01483 Permit Version: 1 Effective Date: 22nd April 1966 Issued Date: 22nd April 1966 Revocation Date: Not Supplied Discharge Type: Agriculture - 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 100m	A7NE (SW)	664	2	525460 121850
13	Discharge Consents Operator: A P Sanderman Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Purveys Coombe Lane, Bolney Purveys, Coombe Lane, Bolney, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02653 Permit Version: 1 Effective Date: 14th November 1983 Issued Date: 14th November 1983 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company 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 100m	A12SW (W)	660	2	525080 122350
14	Discharge Consents Operator: Mrs Sandeman Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brooklands Farm Chapel Lane, Bolney, Haywards Heath, West Sussex, Rh17 5ne Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd000080 Permit Version: 1 Effective Date: 14th November 2007 Issued Date: 14th November 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Adur 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	A7NE (SW)	717	2	525488 121779
15	Discharge Consents Operator: Dr & Mrs Sachedina Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Kings Hill Spronketts Lane Bolney Kings Hill, Spronketts Lane, Bolney,, West Sussex, Rh17 5sa Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N03173 Permit Version: 1 Effective Date: 20th April 1979 Issued Date: 20th April 1979 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	720	2	525050 123260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Mr D P Sandeman Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Green Barn, Garston Farm, Chapel Road, Bolney West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07028 Permit Version: 1 Effective Date: 16th January 1998 Issued Date: 16th January 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River 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	A8SE (S)	906	2	526100 121550
17	Discharge Consents Operator: Dr S Quelch Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Rowlands Cottage Buncton Lane Bolny Rowlands Cottage, Buncton Lane, Bolney, West Sussex, Rh17 5re Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P13054 Permit Version: 1 Effective Date: 6th April 2007 Issued Date: 6th April 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch To Trib Of River Adur 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	A20SW (E)	921	2	527050 122890
18	Discharge Consents Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Bolney Sewage Pumping Station, Bolney Chapel Road, Bolney, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00650 Permit Version: 1 Effective Date: 24th May 1993 Issued Date: 24th May 1993 Revocation Date: 30th March 2008 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	970	2	525730 121470
18	Discharge Consents Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Bolney Sewage Pumping Station, Bolney Chapel Road, Bolney, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00650 Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 24th May 1993 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A8SW (S)	970	2	525730 121470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Local Authority Pollution Prevention and Controls Name: Bolney Cross Service Station Location: Cowfold Road, BOLNEY, West Sussex, RH17 5QU Authority: Mid Sussex District Council, Environmental Services Section Permit Reference: EPR/VR/24 Dated: 1st April 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A13SW (SW)	31	3	525768 122411
19	Local Authority Pollution Prevention and Controls Name: Bolney Cross Service Station Location: Cowfold Road, BOLNEY, West Sussex, RH17 5QY Authority: Mid Sussex District Council, Environmental Services Section Permit Reference: Vr/24/02 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A13SW (SW)	31	3	525768 122411
	Nearest Surface Water Feature	A18SW (N)	0	-	525764 123006
20	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Bolney Street Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Spillage Of Diesel Incident Date: 12th May 1998 Incident Reference: 598104 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	A18SE (NE)	38	2	526100 122800
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Old London Road, BOLNEY Authority: Environment Agency, Southern Region Pollutant: Storm Sewage Note: Mains Sewer Blocked Incident Date: 9th November 1996 Incident Reference: 596357 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage Works Effluent Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	508	2	526600 123200
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ladbroke Grove Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 26th July 1989 Incident Reference: N1890402 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	A9NW (SE)	746	2	526300 121800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Water Abstractions Operator: T J B Hutchings Esq Licence Number: 323103 Permit Version: Not Supplied Location: Bookers Farm, BOLNEY Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 245 Yearly Rate (m3): 454 Details: Tributary Of Adur East 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	A17SE (NW)	267	2	525490 122980
24	Water Abstractions Operator: Mr T J B Hutchings Licence Number: 10/41/323103 Permit Version: 100 Location: Trib Adur East At Bookers Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 245 Yearly Rate (m3): 454.6 Details: Bookers Farm, Bolney, See Licence Map Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	408	2	525350 122990
25	Water Abstractions Operator: G Stephens Licence Number: 323102 Permit Version: Not Supplied Location: Old Mill House Farm, BOLNEY Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 473 Yearly Rate (m3): 4546 Details: Tributary Of Adur East 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	A17NW (NW)	809	2	524950 123140
26	Water Abstractions Operator: G Stephens Licence Number: 10/41/323102 Permit Version: 100 Location: Tributary Of Bolney Sewer At Old Mill Farm House Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Old Mill House Farm, See License Map Authorised Start: 01 March Authorised End: 31 July Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	946	2	524830 123310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: D M Strong Licence Number: 23/070 Permit Version: 100 Location: Point A At Field Place Farm, Bolney Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Outlined In Black On Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th May 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1936	2	527450 121260
	Water Abstractions Operator: D M Strong Esq. Licence Number: 23/070 Permit Version: Not Supplied Location: Field Place Farm, Stairbridge Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 6570 Details: Tunbridge Wells Sand 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	A5NE (SE)	1939	2	527450 121255
	Water Abstractions Operator: D M Strong Esq Licence Number: 23/070A Permit Version: Not Supplied Location: Field Place Farm, STAIRBRIDGE LANE Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 18 Yearly Rate (m3): 6570 Details: Additional Purpose: Agricultural 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	A5NE (SE)	1943	2	527455 121255
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (N)	0	4	525891 122554

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NE (E)	0	4	526000 122554
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A18SW (N)	0	4	525891 123000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A18SE (N)	0	4	526000 123000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A18SW (N)	0	4	525795 122844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Unproductive Aquifer (may have productive aquifer beneath) Classification: Unproductive Combined Vulnerability: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A18SE (N)	0	4	526000 122912
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	4	525891 122554
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A18SW (N)	0	4	525795 122844
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12NE (W)	206	2	525520 122554
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	0	5	525766 123001
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	0	5	525765 123004
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	0	5	525764 123006
30	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: Adur and Teville Primacy: 1	A18SW (N)	0	5	525764 123006

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	0	5	525760 123008
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	0	5	525761 123132
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	1	5	525762 123134
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	6	5	525752 123011
35	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	33	5	526142 123049
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	34	5	525743 123162
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	41	5	526156 122884
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 313.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	41	5	526132 122572
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	42	5	525766 123176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	50	5	525766 123183
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	52	5	526172 122911
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	60	5	526181 122930
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	64	5	525768 123197
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	66	5	525771 123200
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 303.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	70	5	525812 122366
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	83	5	526221 122985
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	87	5	525671 123059
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	89	5	526221 122985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	94	5	525664 123061
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	101	5	525630 123057
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	104	5	525655 123118
52	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	113	5	526131 122557
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	113	5	525741 123244
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	117	5	526240 123017
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	123	5	526129 122535
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	123	5	525644 123175
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	128	5	525613 123038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	138	5	526149 123252
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	150	5	525632 123213
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	168	5	526275 123061
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	176	5	526281 123066
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	193	5	526290 123097
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	194	5	526290 123097
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	212	5	526117 122380
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 365.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	217	5	525521 122660
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	218	5	526297 123213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	218	5	525540 123014
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	220	5	525515 122834
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	225	5	525504 122987
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	229	5	525514 122822
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	252	5	525478 122461
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	252	5	525478 122464
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	254	5	525477 122450
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	259	5	525493 122979
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	260	5	526342 123213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 2	A12NE (W)	260	5	525471 122479
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	262	5	526343 123213
78	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	264	5	526360 123154
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	264	5	525689 123387
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	264	5	525689 123387
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	264	5	525493 122979
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	267	5	525491 122980
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 306.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	267	5	525464 122441
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 2	A12SE (W)	268	5	525463 122450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 2	A12NE (W)	268	5	525462 122460
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	270	5	525487 122982
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	271	5	526144 123391
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	285	5	526192 122377
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	290	5	526196 122375
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	293	5	526377 123214
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	324	5	525689 122127
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	355	5	525465 122228
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	378	5	525368 122870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	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: Adur and Teville Primacy: 1	A8NW (SW)	382	5	525653 122077
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	410	5	525420 122195
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	412	5	525418 122195
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	414	5	525379 122245
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	423	5	525316 122853
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	426	5	525315 122914
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	426	5	525332 122983
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	431	5	526359 123466
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	431	5	525396 122192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	433	5	525393 122191
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	440	5	525381 122195
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 300.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	442	5	525381 122193
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 424.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	457	5	526597 122666
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	464	5	526306 122189
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	464	5	526306 122189
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	470	5	526588 123090
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	487	5	526341 122205
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	489	5	526290 122125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	489	5	526290 122125
113	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 162.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Pond Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	491	5	526347 122207
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	497	5	526608 123118
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	505	5	526614 123125
116	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 184.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Pond Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	512	5	526249 122052
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	517	5	525517 121986
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	519	5	525513 121986
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	522	5	525533 121972
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	531	5	525502 121977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	533	5	526597 122666
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	540	5	525491 121974
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	542	5	525488 121974
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	545	5	525187 122524
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	547	5	525203 123091
126	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	548	5	525249 123339
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 445.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	548	5	525254 123346
128	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: Adur and Teville Primacy: 1	A12NW (W)	550	5	525181 122496
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	550	5	525182 122501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	551	5	525230 123320
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	551	5	525180 122489
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	552	5	525179 122484
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	554	5	525475 121967
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	554	5	525474 121968
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	554	5	525723 121890
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	559	5	525475 121962
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	561	5	525208 123263
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 361.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	561	5	525230 123320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	567	5	525203 123250
140	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	567	5	525205 123254
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	567	5	525191 123081
142	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NW (NW)	568	5	525193 123224
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	568	5	525190 123084
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	569	5	525190 123085
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	571	5	525717 121874
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	574	5	525716 121871
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	579	5	525180 122286

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 335.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	580	5	526672 123203
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	580	5	526672 123203
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	594	5	526650 122636
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	596	5	526562 122334
152	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	599	5	526510 122267
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	599	5	526510 122267
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	601	5	526562 122334
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 302.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	603	5	526689 123240
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	603	5	525150 122298

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	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: Adur and Teville Primacy: 1	A14NE (E)	605	5	526637 122500
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	605	5	525146 122308
159	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: Adur and Teville Primacy: 1	A12SW (W)	607	5	525146 122298
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	607	5	525144 122305
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	608	5	526640 122501
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	611	5	525142 122300
163	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 66.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (SE)	612	5	526506 122242
164	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	613	5	525696 121833
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	622	5	526669 122581

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	627	5	526661 122507
167	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: Adur and Teville Primacy: 2	A14NE (E)	629	5	526677 122608
168	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A14NE (E)	631	5	526681 122614
169	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	639	5	526679 122537
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	651	5	526019 121794
171	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 194.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	652	5	526701 122607
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	664	5	526311 121906
173	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 70.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Pond Catchment Name: Adur and Teville Primacy: 2	A8NE (SE)	670	5	526269 121869
174	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 51.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Pond Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	670	5	526269 121869

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 69.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	676	5	526304 121885
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	680	5	525463 121831
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	680	5	525463 121831
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	690	5	525439 121832
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	700	5	525031 122549
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	700	5	525031 122549
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A8NE (SE)	706	5	526234 121808
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	708	5	525400 121832
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	712	5	525394 121832

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	713	5	525026 122760
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	716	5	525386 121832
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	717	5	525383 121832
187	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 65.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	718	5	526280 121820
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	719	5	525492 121776
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A8NE (SE)	720	5	526239 121795
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	720	5	525523 121763
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	721	5	525524 121761
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	722	5	525525 121760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	722	5	525524 121761
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	723	5	525529 121758
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	724	5	525018 122810
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A8NE (SE)	725	5	526240 121791
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	728	5	525015 122813
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	728	5	525004 122490
199	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	731	5	525012 122815
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	732	5	525027 123095
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	732	5	525027 123095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	737	5	524994 122471
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	740	5	525004 122829
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (S)	742	5	525554 121730
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	743	5	525015 123087
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A7SE (S)	746	5	525556 121726
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	747	5	525011 123086
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	754	5	524979 122402
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	763	5	526004 121678
210	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 174.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A8SE (SE)	765	5	526260 121756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 358.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	765	5	524969 122402
212	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	770	5	525999 121670
213	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	774	5	526864 122689
214	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	780	5	526328 121776
215	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	782	5	526871 122686
216	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	784	5	526327 121772
217	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	808	5	526914 122751
218	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	835	5	526927 122688
219	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	837	5	525995 121603

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	857	5	526888 123454
221	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	859	5	526889 123458
222	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	859	5	526969 122770
223	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	859	5	524901 123158
224	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 290.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NE (SE)	863	5	526634 121962
225	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	864	5	526973 122769
226	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	865	5	526966 122719
227	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	872	5	526970 122706
228	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	873	5	526977 122734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	873	5	526978 122741
230	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	874	5	526181 121606
231	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	874	5	526181 121606
232	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	876	5	526984 122760
233	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	877	5	524882 123149
234	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 42.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	877	5	524882 123149
235	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	880	5	526205 121608
236	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	881	5	526158 121591
237	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	881	5	526158 121591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
238	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	882	5	526154 121589
239	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	884	5	526993 122762
240	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	885	5	526152 121585
241	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	890	5	527001 122770
242	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	892	5	524868 123187
243	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 206.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	897	5	524863 123139
244	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	903	5	527025 122809
245	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	903	5	527024 122820
246	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 407.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	903	5	526511 121761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	905	5	527018 122778
248	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	905	5	527018 122778
249	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	905	5	527023 122803
250	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	905	5	526180 121572
251	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	906	5	527025 122806
252	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	913	5	525608 121543
253	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	915	5	525617 121540
254	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	918	5	527042 122842
255	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	922	5	527050 122873

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	922	5	527050 122874
257	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	923	5	525207 121702
258	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	923	5	525206 121703
259	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	923	5	525211 121699
260	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	924	5	527053 122880
261	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	924	5	527054 122891
262	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 299.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	934	5	526183 121543
263	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	939	5	527071 122918
264	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	943	5	527076 122930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	943	5	527075 122938
266	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	943	5	525148 121719
267	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	944	5	527077 122941
268	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	944	5	525098 121763
269	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	945	5	525148 121719
270	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	945	5	524831 123314
271	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A16NE (NW)	946	5	524830 123316
272	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (S)	962	5	525496 121518
273	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	964	5	525796 121470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	964	5	525796 121470
275	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	973	5	527103 123054
276	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	973	5	527104 123051
277	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	981	5	525443 121515
278	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A16SE (W)	992	5	524752 122870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Mid Sussex District Council - Has supplied landfill data		0	3	525891 122554
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	525891 122554
279	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	A19NE (NE)	623	-	526694 123302
280	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A17SW (W)	523	-	525220 122803



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Wealden Group	A13NW (N)	0	1	525891 122554
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	0	1	525891 122554
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	166	1	525623 122337
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	183	1	525550 122620
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NE (SW)	548	1	525541 121940
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	573	1	526453 122242
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (S)	648	1	525668 121801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (SE)	779	1	526266 121743
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (S)	933	1	526286 121582
281	BGS Recorded Mineral Sites Site Name: Ormonde Hall Pits Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152216 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	396	1	525348 122855
282	BGS Recorded Mineral Sites Site Name: Ormonde Hall Pits Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152215 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	608	1	525145 122948
283	BGS Recorded Mineral Sites Site Name: Bolney Wood Gravel Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152195 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Tunbridge Wells Sand Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	630	1	526701 123305
284	BGS Recorded Mineral Sites Site Name: King'S Hills Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152213 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A16SE (NW)	994	1	524764 123027
	BGS Measured Urban Soil Chemistry No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	0	1	525795 122844
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	123	1	525984 122337
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	126	1	525958 122320
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	183	1	525550 122620
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	183	1	525550 122620
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	166	1	525623 122337
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	183	1	525550 122620
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	0	1	525795 122844
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	123	1	525984 122337
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (W)	183	1	525550 122620
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	525891 122554
	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 (N)	0	1	525891 122554

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	Contemporary Trade Directory Entries Name: Auto Lpg (Sussex) Location: 4, Chapel Cottages, Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Classification: Vehicle Conversions Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	30	-	525779 122411
285	Contemporary Trade Directory Entries Name: Bolney Cross Service Station Location: Bolney Cross Garage, Cowfold Road, Bolney, Haywards Heath, RH17 5QU Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	31	-	525768 122411
285	Contemporary Trade Directory Entries Name: Pannell & Partners Location: Unit 1, Crosspost Industrial Estate, Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	67	-	525761 122376
286	Contemporary Trade Directory Entries Name: Wineflow Freight Forwarding Location: Bolney Place, Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QT Classification: Freight Forwarders Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13NE (E)	60	-	526021 122592
287	Contemporary Trade Directory Entries Name: C & G Payne Location: 36, The Street, Bolney, Haywards Heath, West Sussex, RH17 5PE Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	71	-	526132 122797
288	Contemporary Trade Directory Entries Name: Nexnix Location: The Byre, The Street, Bolney, Haywards Heath, West Sussex, RH17 5PG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	84	-	526143 123194
289	Contemporary Trade Directory Entries Name: Abc Motor Sports Location: Unit 4, Crosspost Industrial Estate, Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	96	-	525764 122346
289	Contemporary Trade Directory Entries Name: Enhanced Performance Location: Unit 4, Crosspost Industrial Estate, Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	96	-	525764 122346
290	Contemporary Trade Directory Entries Name: Restoration Workshops Location: Bookers Vineyard, Foxhole Lane, Bolney, Haywards Heath, West Sussex, RH17 5NB Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (NW)	124	-	525636 123132
290	Contemporary Trade Directory Entries Name: Restoration Workshops Location: Bookers Vineyard, Foxhole Lane, Bolney, Haywards Heath, West Sussex, RH17 5NB Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (NW)	124	-	525636 123132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
291	Contemporary Trade Directory Entries Name: Taylor & Co Location: Bolney Showroom, London Rd, Bolney, Haywards Heath, West Sussex, RH17 5PZ Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	509	-	526491 123446
291	Contemporary Trade Directory Entries Name: The Motorcycle Workshop Location: Unit 3, The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	522	-	526519 123432
291	Contemporary Trade Directory Entries Name: Fairlight Developments Location: Unit 2, The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Classification: Medical Equipment Maintenance & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	528	-	526517 123444
291	Contemporary Trade Directory Entries Name: Bolney Garage Location: Unit 4, The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	533	-	526526 123440
291	Contemporary Trade Directory Entries Name: A C Cars Location: Unit 4, The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	533	-	526526 123440
291	Contemporary Trade Directory Entries Name: Ebert Bros Location: Bolney Motor Works, London Road, Bolney, Haywards Heath, West Sussex, RH17 5PY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	535	-	526515 123458
292	Contemporary Trade Directory Entries Name: Versamount Display Systems Location: London Rd, Bolney, Haywards Heath, West Sussex, RH17 5PX Classification: Polythene & Plastic Sheeting Supplies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NE (NE)	542	-	526618 123273
293	Contemporary Trade Directory Entries Name: Haywards Guns Location: Bunton Lane, Bolney, Haywards Heath, West Sussex, RH17 5RE Classification: Gunsmiths Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	846	-	526951 122743
294	Fuel Station Entries Name: Bolney Cross Service Station Location: Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Brand: Pricewatch Power Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A13SW (SW)	31	-	525768 122411
295	Points of Interest - Commercial Services Name: Techmobility Sussex Ltd Location: 4 Bankside, Bolney, Haywards Heath, RH17 5QN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	26	7	526093 122879
296	Points of Interest - Commercial Services Name: Bolney Cross Service Station Location: Bolney Cross Service Station, Cowfold Road, Bolney, RH17 5QU Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	31	7	525768 122411

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
296	Points of Interest - Commercial Services Name: Car Wash Location: Cowfold Road, Bolney, Haywards Heath, West Sussex, RH17 5QU Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	31	7	525768 122411
296	Points of Interest - Commercial Services Name: Abc Motor Sports Location: Unit 1 Crosspost Industrial Estate, Cowfold Road, Bolney, Haywards Heath, RH17 5QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	67	7	525761 122376
296	Points of Interest - Commercial Services Name: M V R -d Location: Unit 2 Crosspost Industrial Estate, Cowfold Road, Bolney, Haywards Heath, RH17 5QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	75	7	525761 122368
297	Points of Interest - Commercial Services Name: Wineflow Freight Forwarding Location: Bolney Place, Cowfold Road, Bolney, RH17 5QT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	60	7	526021 122592
298	Points of Interest - Commercial Services Name: The Motorcycle Workshop Location: Unit 3 The Old Works, London Road, Bolney, RH17 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	522	7	526519 123432
298	Points of Interest - Commercial Services Name: Bolney Garage Location: Unit 4 The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	533	7	526526 123440
298	Points of Interest - Commercial Services Name: A C Cars Location: Unit 4 The Old Works, London Road, Bolney, RH17 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	533	7	526526 123440
298	Points of Interest - Commercial Services Name: Ebert Bros Location: Unit 4 The Old Works, London Road, Bolney, Haywards Heath, RH17 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	535	7	526515 123458
299	Points of Interest - Manufacturing and Production Name: Crosspost Industrial Estate Location: RH17 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	88	7	525784 122352
299	Points of Interest - Manufacturing and Production Name: Crosspost Industrial Estate Location: RH17 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	131	7	525783 122308
300	Points of Interest - Manufacturing and Production Name: Business Park Location: RH17 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	406	7	526486 123242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	Points of Interest - Manufacturing and Production Name: Tank Location: RH17 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NW (S)	542	7	525663 121910
301	Points of Interest - Manufacturing and Production Name: Tank Location: RH17 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NW (S)	542	7	525661 121911
301	Points of Interest - Manufacturing and Production Name: Tanks Location: RH17 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	542	7	525673 121909
302	Points of Interest - Manufacturing and Production Name: Works Location: RH17 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	543	7	526529 123454
303	Points of Interest - Manufacturing and Production Name: Pit Location: RH17 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	878	7	525013 121957
304	Points of Interest - Public Infrastructure Name: Bolney Cross Service Station Location: Bolney Cross Garage, Cowfold Road, Bolney, Haywards Heath, RH17 5QU Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	31	7	525768 122411
304	Points of Interest - Public Infrastructure Name: Bolney Cross Service Station Location: Cowfold Road, Bolney, Haywards Heath, RH17 5QU Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	31	7	525764 122412
304	Points of Interest - Public Infrastructure Name: Bolney Cross Service Station Location: Bolney Cross Service Station, Cowfold Road, Bolney, RH17 5QU Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	31	7	525768 122411
305	Points of Interest - Public Infrastructure Name: Sluice Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	499	7	526356 122207
305	Points of Interest - Public Infrastructure Name: Sluice Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	568	7	526379 122112
305	Points of Interest - Public Infrastructure Name: Sluice Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	573	7	526387 122115
306	Points of Interest - Public Infrastructure Name: Weir Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	640	7	526689 122611

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
306	Points of Interest - Public Infrastructure Name: Weir Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	643	7	526694 122614
306	Points of Interest - Public Infrastructure Name: Weir Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	652	7	526692 122537
306	Points of Interest - Public Infrastructure Name: Weir Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	653	7	526693 122534
307	Points of Interest - Public Infrastructure Name: Sludge Bed Location: RH17 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	731	7	525321 121857
308	Points of Interest - Public Infrastructure Name: Sluice Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	773	7	526318 121779
308	Points of Interest - Public Infrastructure Name: Sluice Location: RH17 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	777	7	526328 121780
309	Points of Interest - Recreational and Environmental Name: Playground Location: The Street, RH17 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (NE)	134	7	526195 123216
309	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	149	7	526216 123214
309	Points of Interest - Recreational and Environmental Name: Skatepark Location: RH17 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	163	7	526242 123200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
310	Ancient Woodland Name: Hanger Wood Reference: 1479417 Area(m ²): 11748.7 Type: Ancient and Semi-Natural Woodland	A12NE (W)	167	8	525538 122622
311	Ancient Woodland Name: Nailards Wood Reference: 1480632 Area(m ²): 88457.94 Type: Plantation on Ancient Woodland	A18NW (N)	171	8	525629 123244
312	Ancient Woodland Name: Hanger Woodn Reference: 1479418 Area(m ²): 2952.84 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	201	8	525544 122859
313	Ancient Woodland Name: Bookers Shaw Reference: 1479318 Area(m ²): 8960.3 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	296	8	525457 122983
314	Ancient Woodland Name: Church Wood Reference: 1479341 Area(m ²): 10520.39 Type: Ancient and Semi-Natural Woodland	A14NW (E)	302	8	526295 122473
315	Ancient Woodland Name: Milescroft Wood Reference: 1479494 Area(m ²): 14733.42 Type: Ancient and Semi-Natural Woodland	A8NW (S)	348	8	525887 122084
316	Ancient Woodland Name: Westlands Shaw Reference: 1479644 Area(m ²): 4390.57 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	350	8	525392 122825
317	Ancient Woodland Name: Westlands Corner Shaw Reference: 1479643 Area(m ²): 3122.47 Type: Ancient and Semi-Natural Woodland	A12NE (W)	397	8	525331 122534
318	Ancient Woodland Name: Nailards Wood Reference: 1479498 Area(m ²): 4755.23 Type: Ancient and Semi-Natural Woodland	(N)	407	8	525752 123541
319	Ancient Woodland Name: Church Wood Reference: 1479339 Area(m ²): 15150.43 Type: Plantation on Ancient Woodland	A14SW (SE)	427	8	526365 122355
320	Ancient Woodland Name: Church Wood Reference: 1479340 Area(m ²): 2460.17 Type: Ancient and Semi-Natural Woodland	A14SW (E)	474	8	526446 122390
321	Ancient Woodland Name: Pond Wood Reference: 1479532 Area(m ²): 7863.01 Type: Ancient and Semi-Natural Woodland	A14SW (SE)	524	8	526339 122133
322	Ancient Woodland Name: Bolney Wood Reference: 1479313 Area(m ²): 84947.52 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	528	8	526640 123121
323	Ancient Woodland Name: Nailards Wood Reference: 1479499 Area(m ²): 25984.36 Type: Ancient and Semi-Natural Woodland	A17NE (NW)	549	8	525265 123377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
324	Ancient Woodland Name: Pond Wood Reference: 1479534 Area(m²): 26660.74 Type: Plantation on Ancient Woodland	A9NW (SE)	575	8	526386 122109
325	Ancient Woodland Name: Bolney Wood Reference: 1480626 Area(m²): 87795.11 Type: Plantation on Ancient Woodland	A19NE (NE)	656	8	526685 123414
326	Ancient Woodland Name: Pond Wood Reference: 1479533 Area(m²): 13531.59 Type: Ancient and Semi-Natural Woodland	A14SW (SE)	676	8	526541 122178
327	Ancient Woodland Name: Rowlands Wood Reference: 1479561 Area(m²): 4387.18 Type: Plantation on Ancient Woodland	A14NE (E)	834	8	526935 122723
328	Ancient Woodland Name: Purveys Pit Wood Reference: 1479549 Area(m²): 9624.41 Type: Ancient and Semi-Natural Woodland	A7NW (SW)	845	8	525034 121985
329	Ancient Woodland Name: Colwood Common Reference: 1479348 Area(m²): 25572.98 Type: Plantation on Ancient Woodland	(N)	871	8	525338 123895
330	Ancient Woodland Name: Oldmill Wood Reference: 1479517 Area(m²): 8159.5 Type: Ancient and Semi-Natural Woodland	A16NE (NW)	874	8	524891 123235
331	Ancient Woodland Name: Malthouse Wood Reference: 1479489 Area(m²): 52629.55 Type: Ancient and Semi-Natural Woodland	(N)	903	8	526140 124036
332	Ancient Woodland Name: Rowlands Shaw Reference: 1479560 Area(m²): 5444.85 Type: Plantation on Ancient Woodland	A20SW (E)	913	8	527046 122960
333	Ancient Woodland Name: Purveys Pit Shaw Reference: 1479548 Area(m²): 4515.63 Type: Ancient and Semi-Natural Woodland	A11SE (W)	918	8	524866 122155
334	Ancient Woodland Name: Toll Copse Reference: 1479623 Area(m²): 9420.99 Type: Ancient and Semi-Natural Woodland	A7SW (SW)	941	8	525103 121762
335	Ancient Woodland Name: Wantley Wood Reference: 1479633 Area(m²): 86608.6 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	949	8	526691 121892
336	Ancient Woodland Name: Bolney Wood Reference: 1479311 Area(m²): 28566.83 Type: Ancient and Semi-Natural Woodland	A20NW (NE)	987	8	527102 123158
337	Ancient Woodland Name: Colwood Common Reference: 1479349 Area(m²): 22613.31 Type: Plantation on Ancient Woodland	(N)	1000	8	525450 124084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Areas of Outstanding Natural Beauty Name: High Weald Multiple Areas: Y Total Area (m2): 1461737820.6571908 Designation Date: 30th October 1983 Source: Natural England	A14NW (E)	401	8	526549 122741
339	Nitrate Vulnerable Zones Name: Adur East (Sakeham) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (N)	0	4	525891 122554

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Horsham District Council - Environmental Health Department Environment Agency - Head Office Mid Sussex District Council - Environmental Services Section	February 2015 June 2020 October 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	July 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	January 2023 January 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department	December 2020 June 2015	Variable Variable
Local Authority Pollution Prevention and Controls Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department	December 2020 June 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	June 2015 September 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2023	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region Environment Agency - Thames Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances Environment Agency - Southern Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2023	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified



Agency & Hydrological	Version	Update Cycle
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	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	October 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	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 - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	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 Mid Sussex District Council Horsham District Council - Planning Department West Sussex County Council - Environment & Development	January 2016 July 2023 October 2006	Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department Mid Sussex District Council West Sussex County Council - Environment & Development	August 2015 January 2016 October 2006	Variable Variable Annual Rolling Update



Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	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	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2023	Quarterly
Points of Interest - Education and Health PointX	September 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2023	Quarterly
Points of Interest - Public Infrastructure PointX	September 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Horsham District Council - Planning Department Mid Sussex District Council	August 2023 August 2023	Quarterly Quarterly
Areas of Unadopted Green Belt Horsham District Council - Planning Department Mid Sussex District Council	August 2023 August 2023	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2023	Bi-Annually
Marine Nature Reserves Natural England	October 2023	Bi-Annually
National Nature Reserves Natural England	August 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2023	Bi-Annually
Special Areas of Conservation Natural England	October 2023	Bi-Annually
Special Protection Areas Natural England	October 2023	Bi-Annually

A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Mid Sussex District Council - Environmental Services Section The Oaklands, Oaklands Road, Haywards Heath, West Sussex, RH16 1SS	Telephone: 01444 458166 extn 2288 Fax: 01444 450027 Website: www.midsussex.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	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 Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	AD2	River Terrace Deposits, 2 (Adur)	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	AD3	River Terrace Deposits, 3 (Adur)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WC	Weald Clay Formation	Mudstone	Not Supplied - Hauterivian
	HST	Horsham Stone Member	Sandstone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Clay-Ironstone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Sandstone	Not Supplied - Hauterivian
	UTW	UPPER TUNBRIDGE WELLS SAND	Sandstone and Siltstone, Interbedded	Not Supplied - Valanginian
	UGRC	Upper Grinstead Clay	Mudstone	Not Supplied - Valanginian
	CKST	CUCKFIELD STONE BED	Sandstone, Calcareous	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Mudstone	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Sandstone	Not Supplied - Valanginian
		Faults		



Geo-Environmental

Geology 1:50,000 Maps

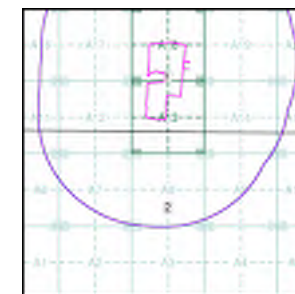
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	318	Map Sheet No:	302
Map Name:	Brighton and W	Map Name:	Horsham
Map Date:	2006	Map Date:	1972
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

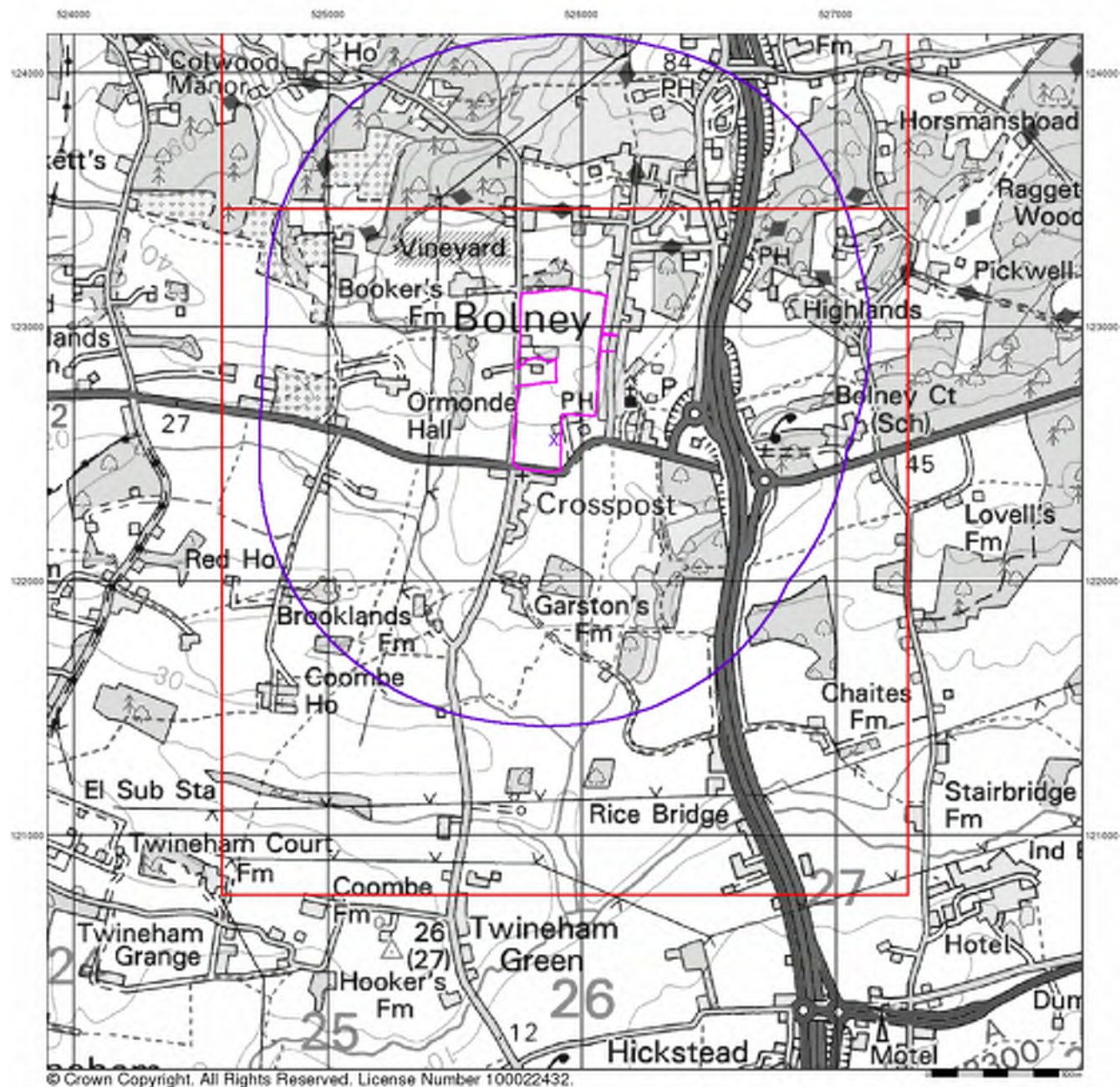
Order Number:	323927451_1_1
Customer Reference:	GE22035
National Grid Reference:	525890, 122550
Slice:	A
Site Area (Ha):	18.27
Search Buffer (m):	1000

Site Details:

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Geo-Environmental

Artificial Ground and Landslip

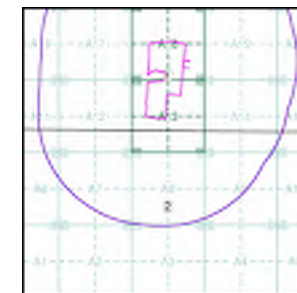
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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 (landslip) 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 foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

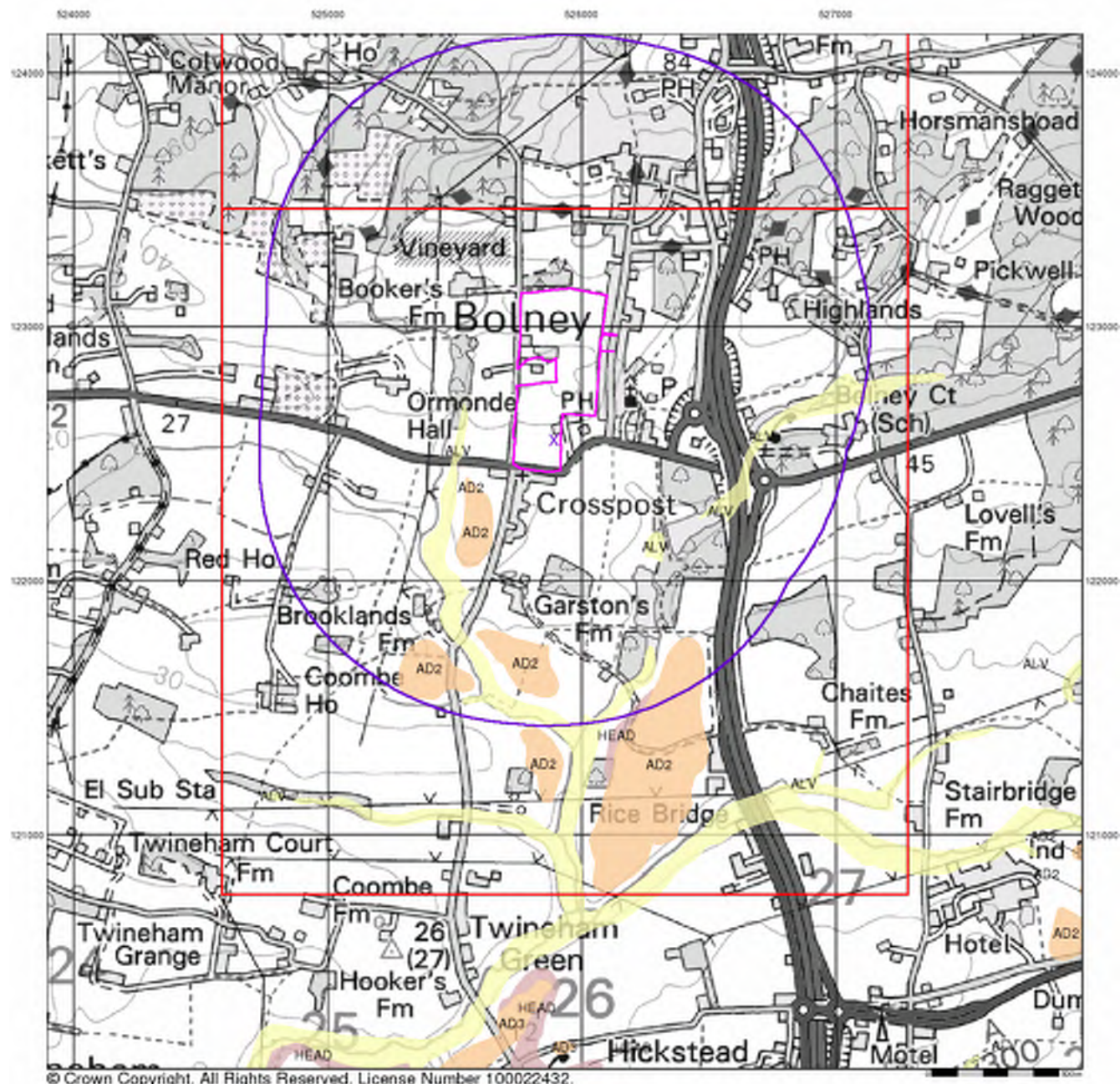
Order Number: 323927451_1_1
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 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details:

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Geo-Environmental

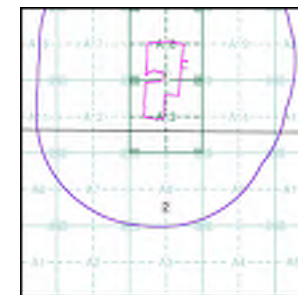
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

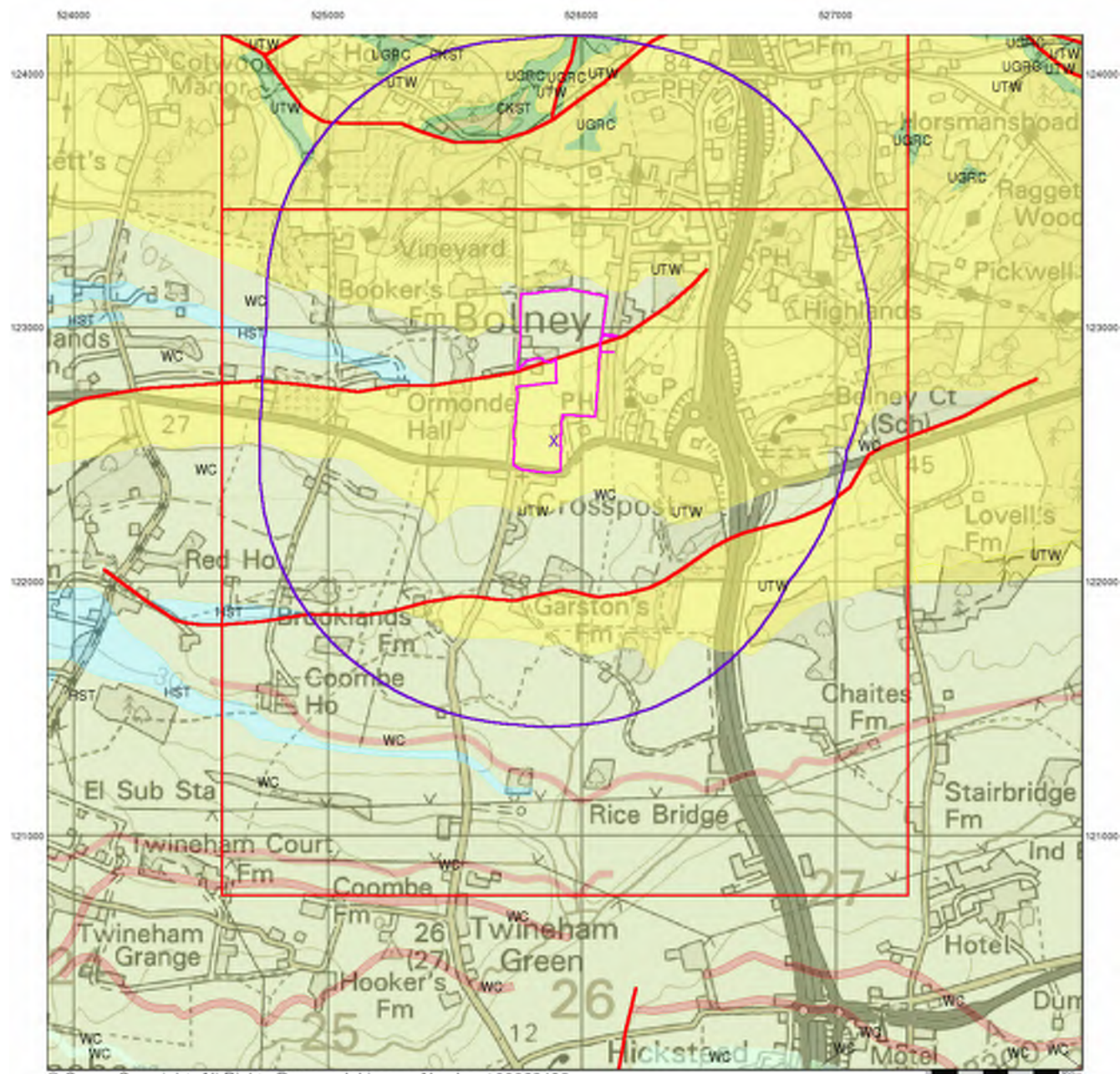
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Customer Reference: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

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Geo-Environmental

Bedrock and Faults

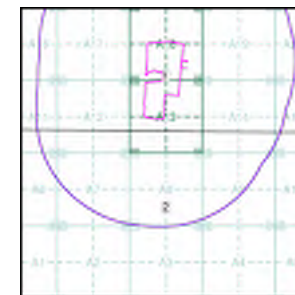
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

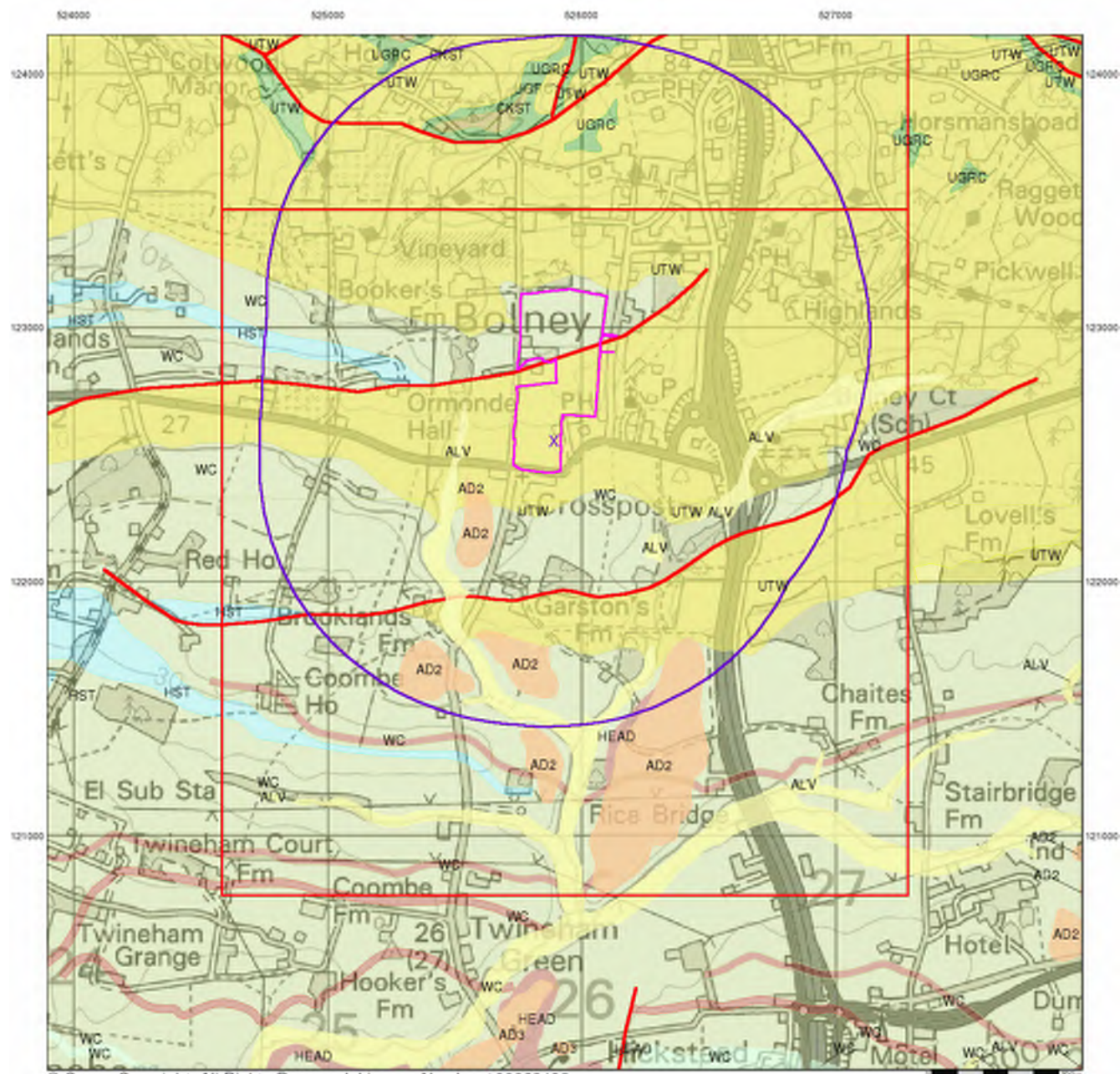
Order Number: 323927451_1_1
Customer Reference: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

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Geo-Environmental

Combined Surface Geology

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

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

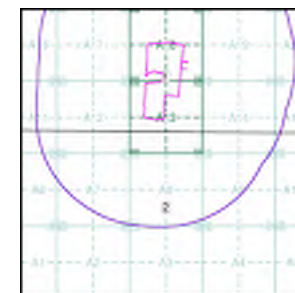
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 323927451_1_1
Customer Reference: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
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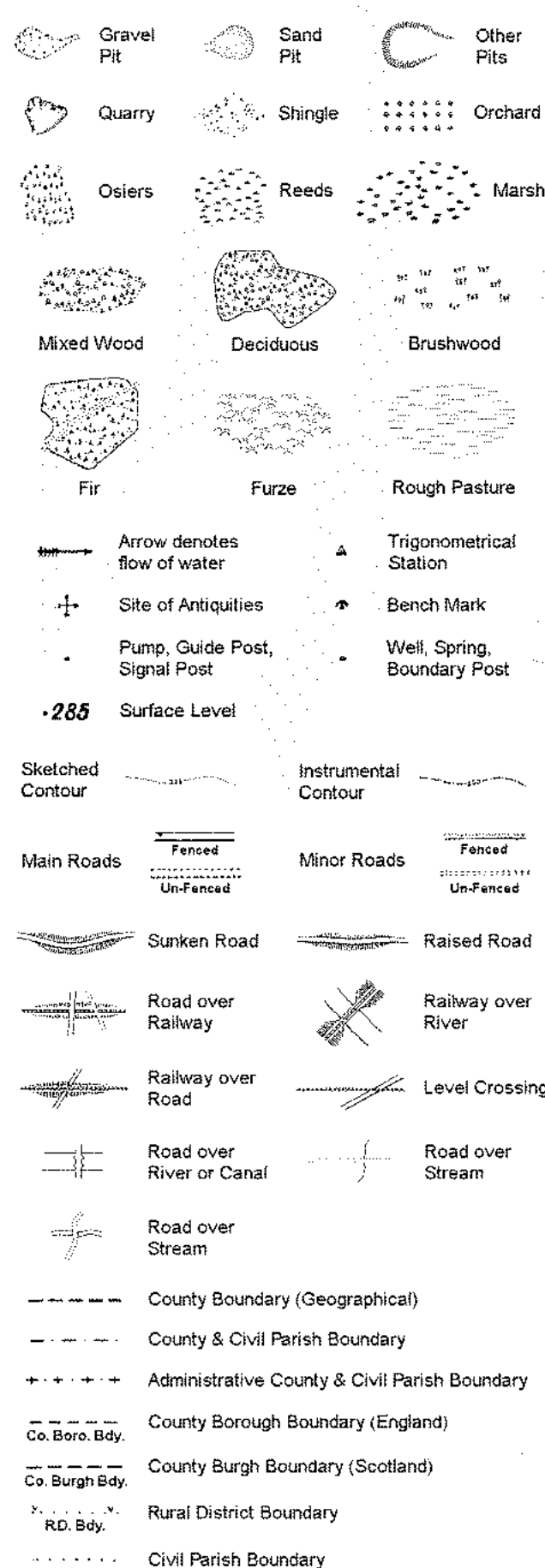
Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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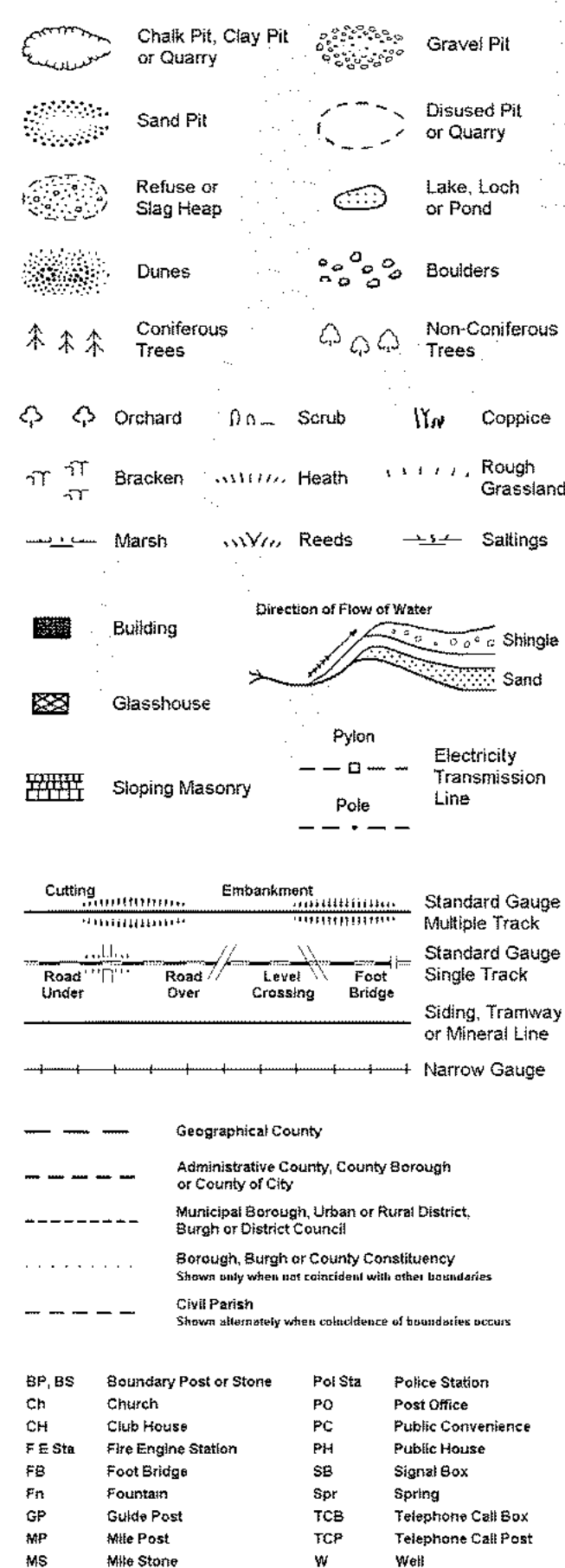
Tel: 0844 844 9952
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Historical Mapping Legends

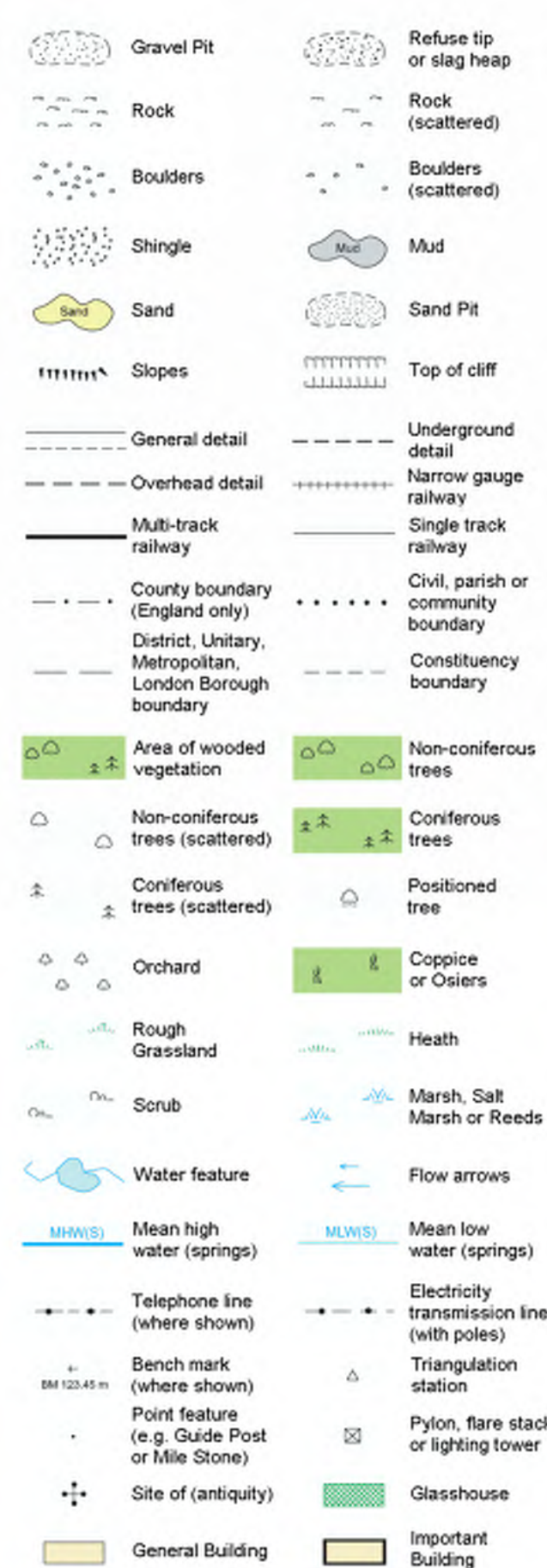
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



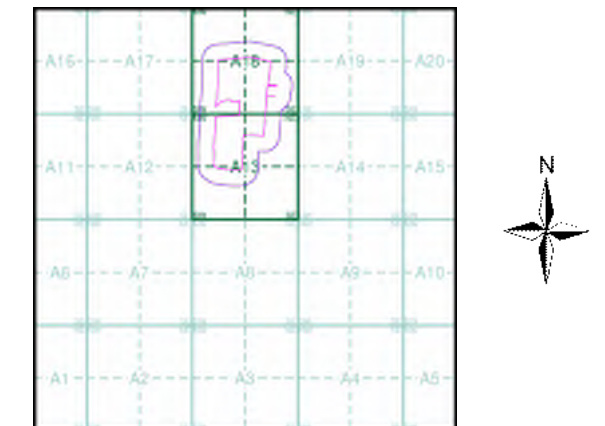
1:10,000 Raster Mapping



Geo-Environmental Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1912	4
Historical Aerial Photography	1:10,560	1947	5
Sussex	1:10,560	1951 - 1952	6
Ordnance Survey Plan	1:10,000	1962 - 1963	7
Ordnance Survey Plan	1:10,000	1977	8
Ordnance Survey Plan	1:10,000	1980	9
Ordnance Survey Plan	1:10,000	1994	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2023	13

Historical Map - Slice A



Order Details

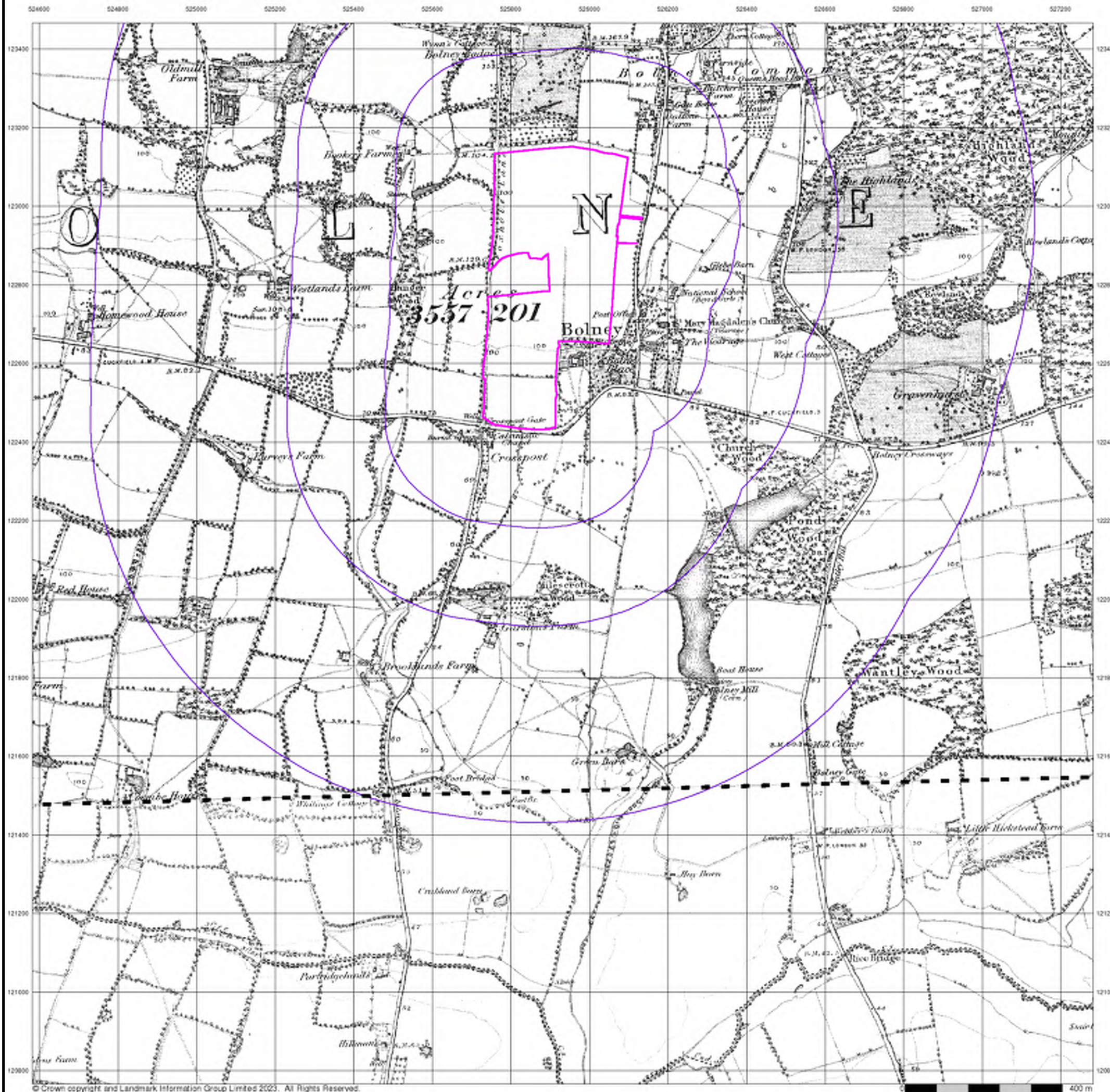
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
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**Geo-Environmental
Sussex**

Published 1879

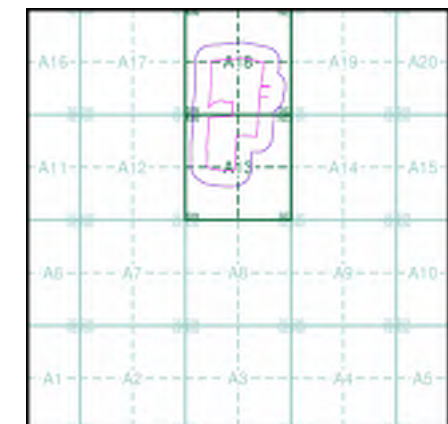
Source map scale - 1:10,560

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)

02500
1879
1:10,560
03800
1879
1:10,560

Historical Map - Slice A



Order Details

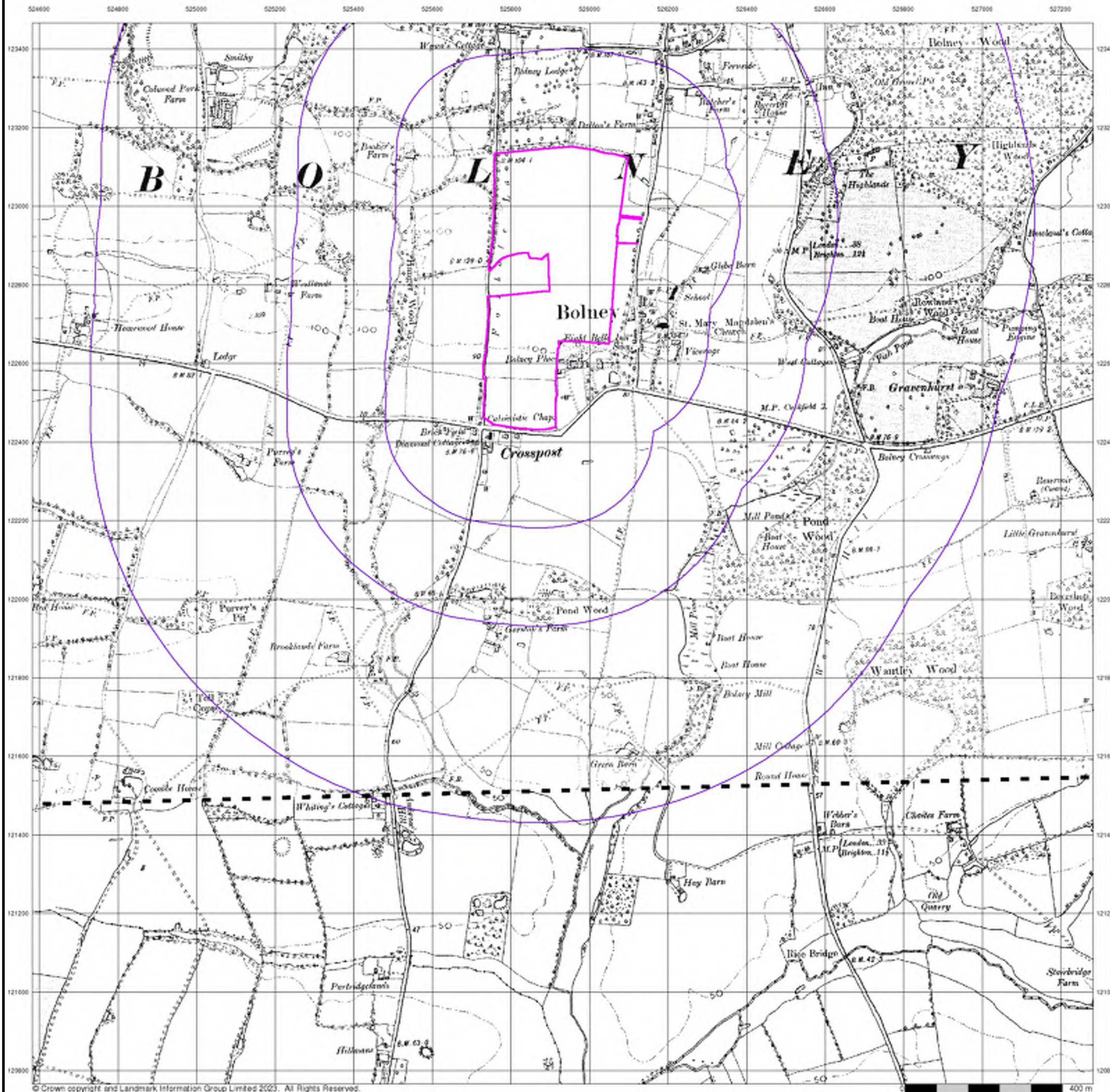
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
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**Geo-Environmental
Sussex**

Published 1899

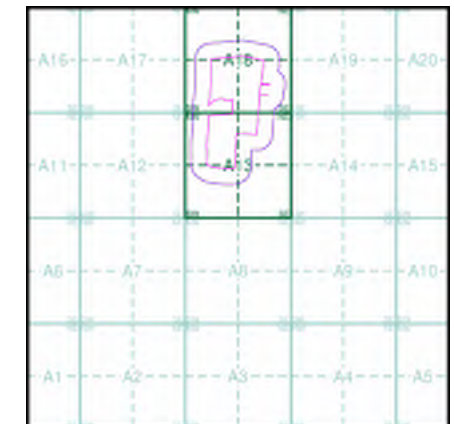
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

025SE
1899
1:10,560
038NE
1899
1:10,560

Historical Map - Slice A



Order Details

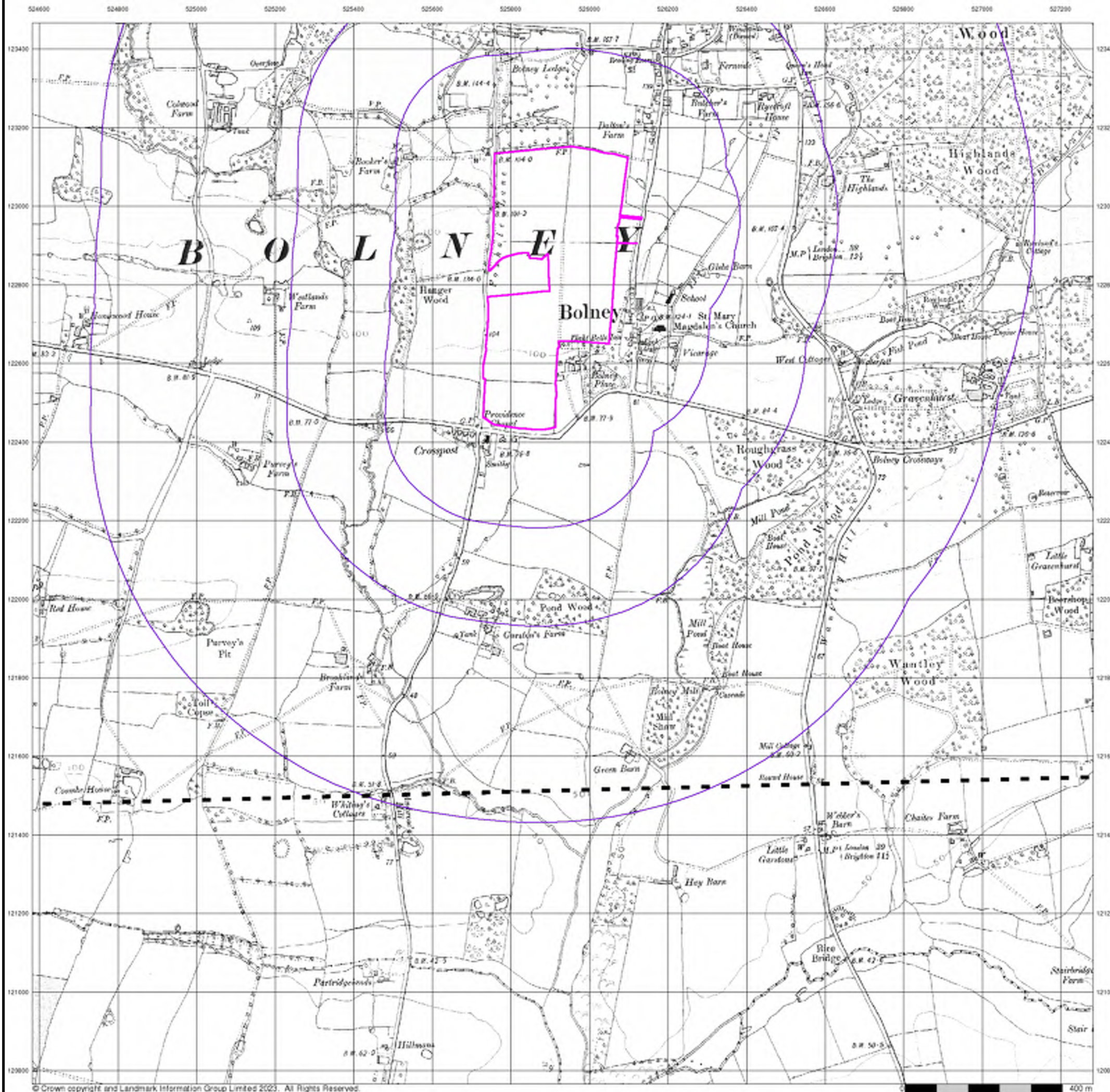
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

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**Geo-Environmental
Sussex**

Published 1912

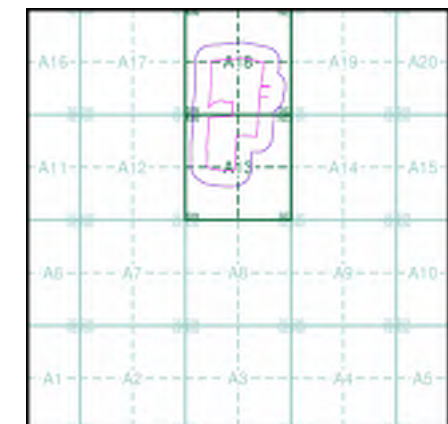
Source map scale - 1:10,560

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)

025SE
1912
1:10,560
038NE
1912
1:10,560

Historical Map - Slice A



Order Details

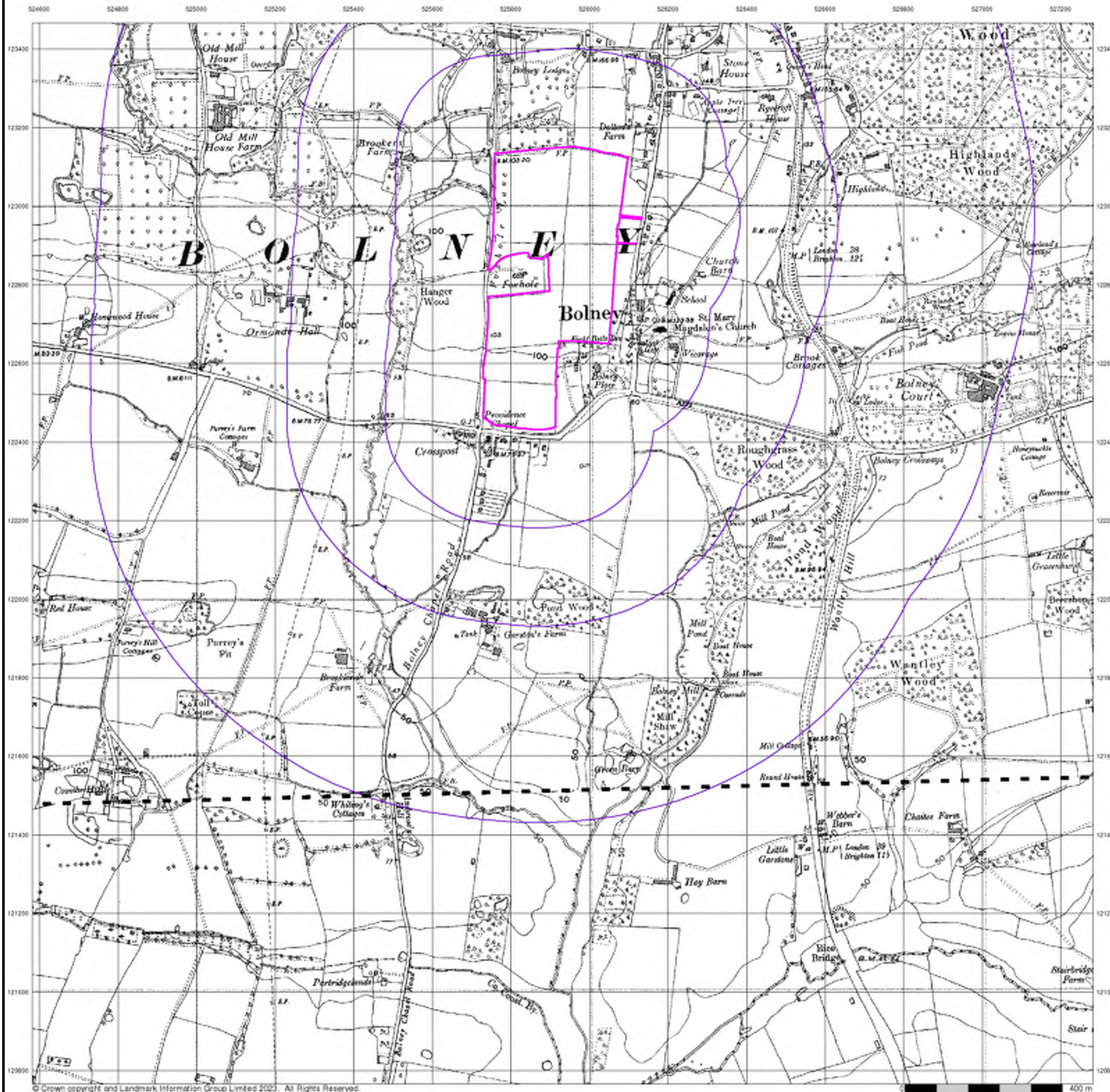
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 Slice: A
 Site Area (Ha): 18.27
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 Web: www.envirocheck.co.uk



Geo-Environmental Sussex

Published 1951 - 1952

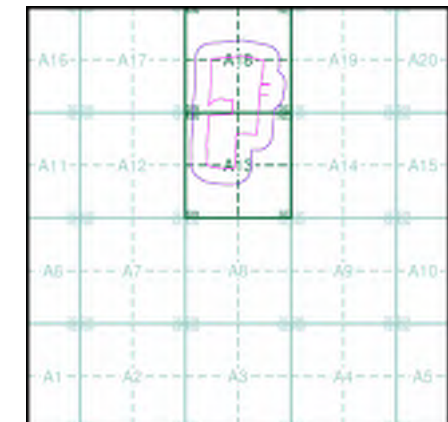
Source map scale - 1:10,560

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)

025SE	1952	1:10,560
038NE	1951	1:10,560

Historical Map - Slice A



Order Details

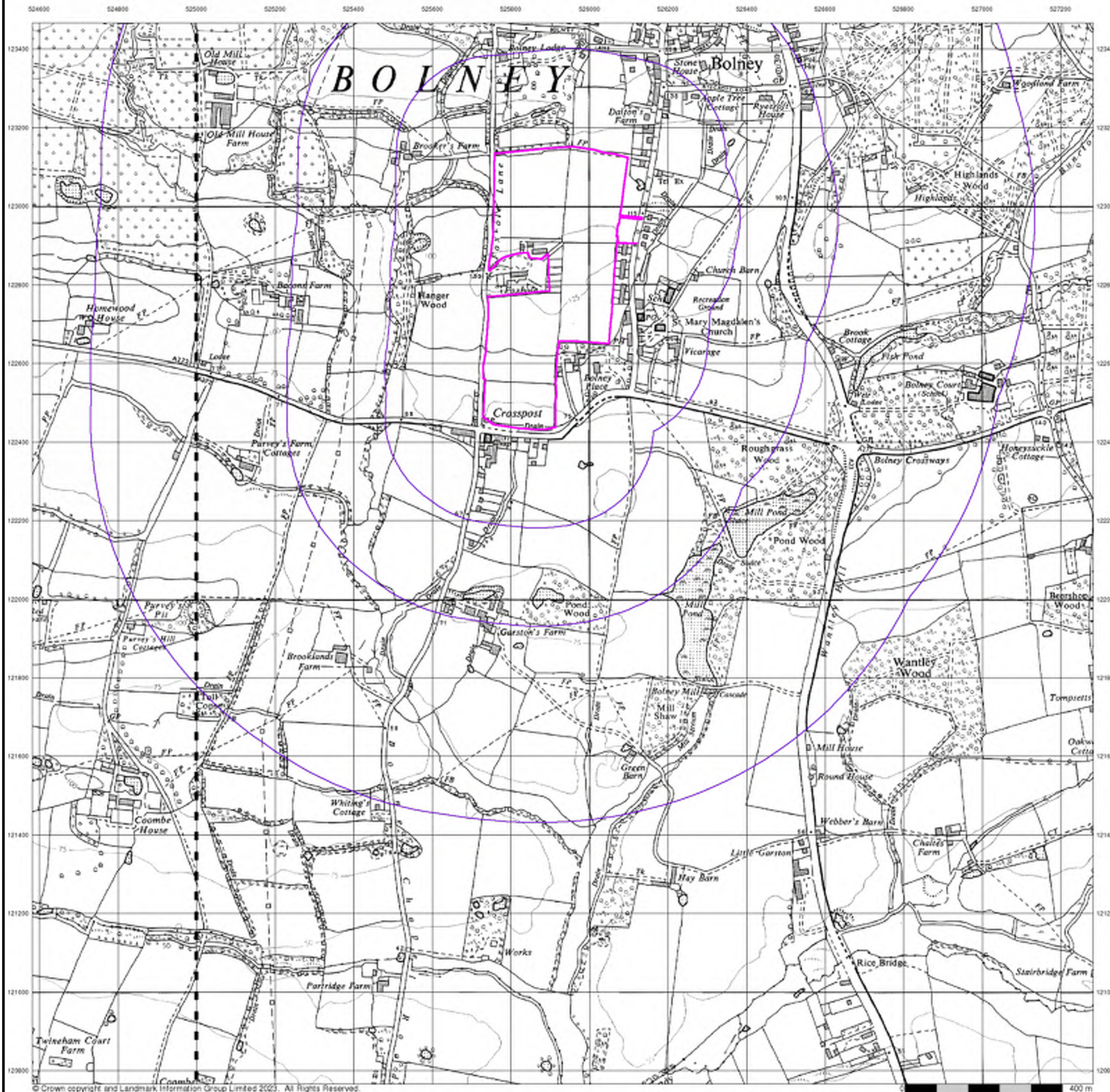
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
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Geo-Environmental Ordnance Survey Plan

Published 1962 - 1963

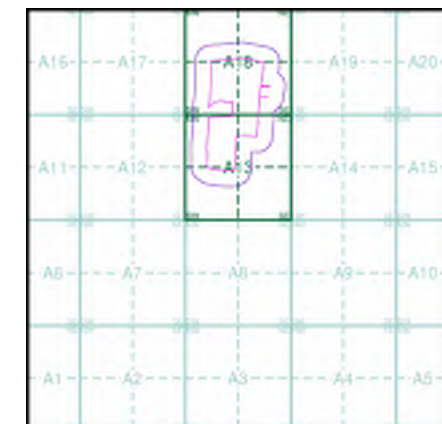
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TQ22SW 1962 1:10,560	TQ22SE 1963 1:10,560
----------------------------	----------------------------

Historical Map - Slice A



Order Details

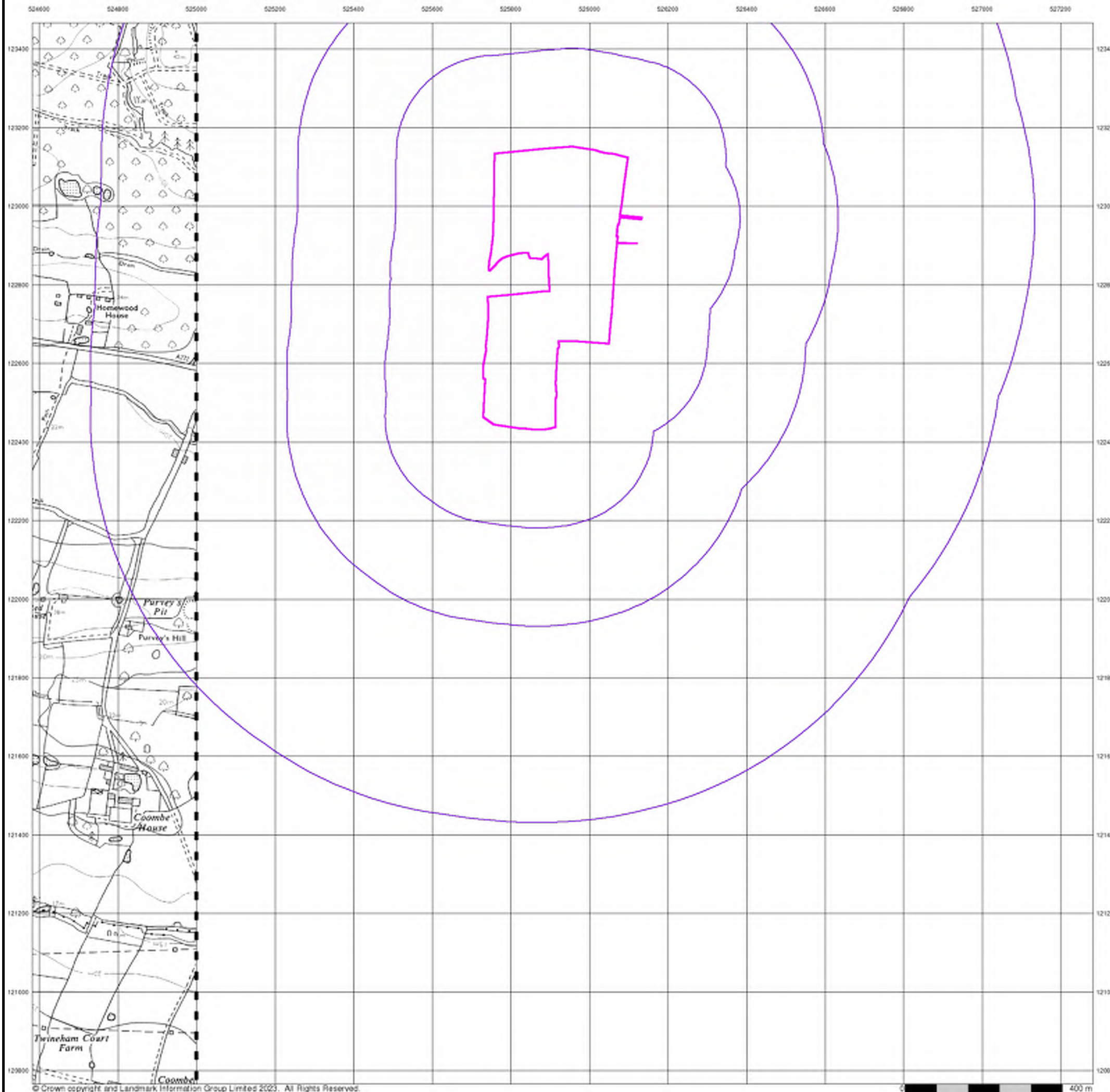
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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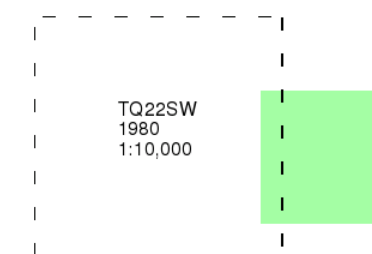
Geo-Environmental Ordnance Survey Plan

Published 1980

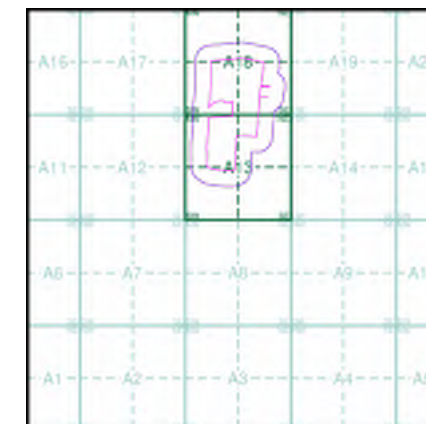
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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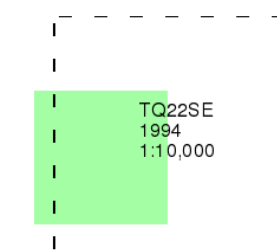
Geo-Environmental Ordnance Survey Plan

Published 1994

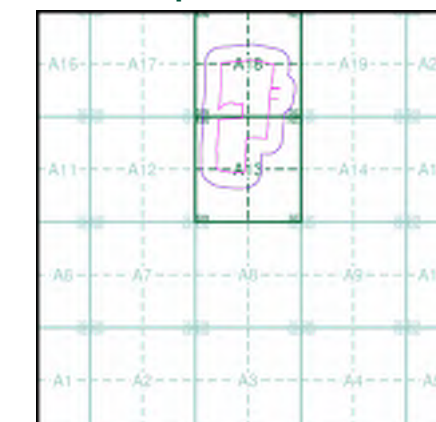
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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INFORMATION GROUP

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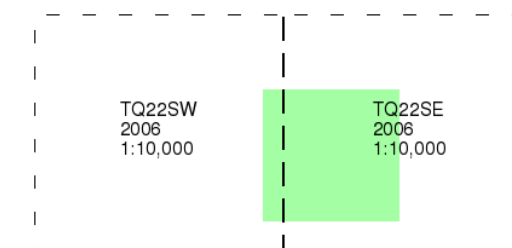
Geo-Environmental 10k Raster Mapping

Published 2006

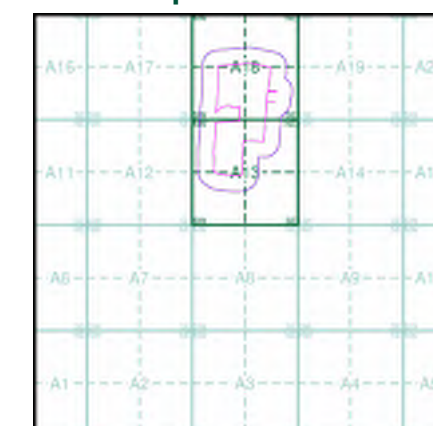
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

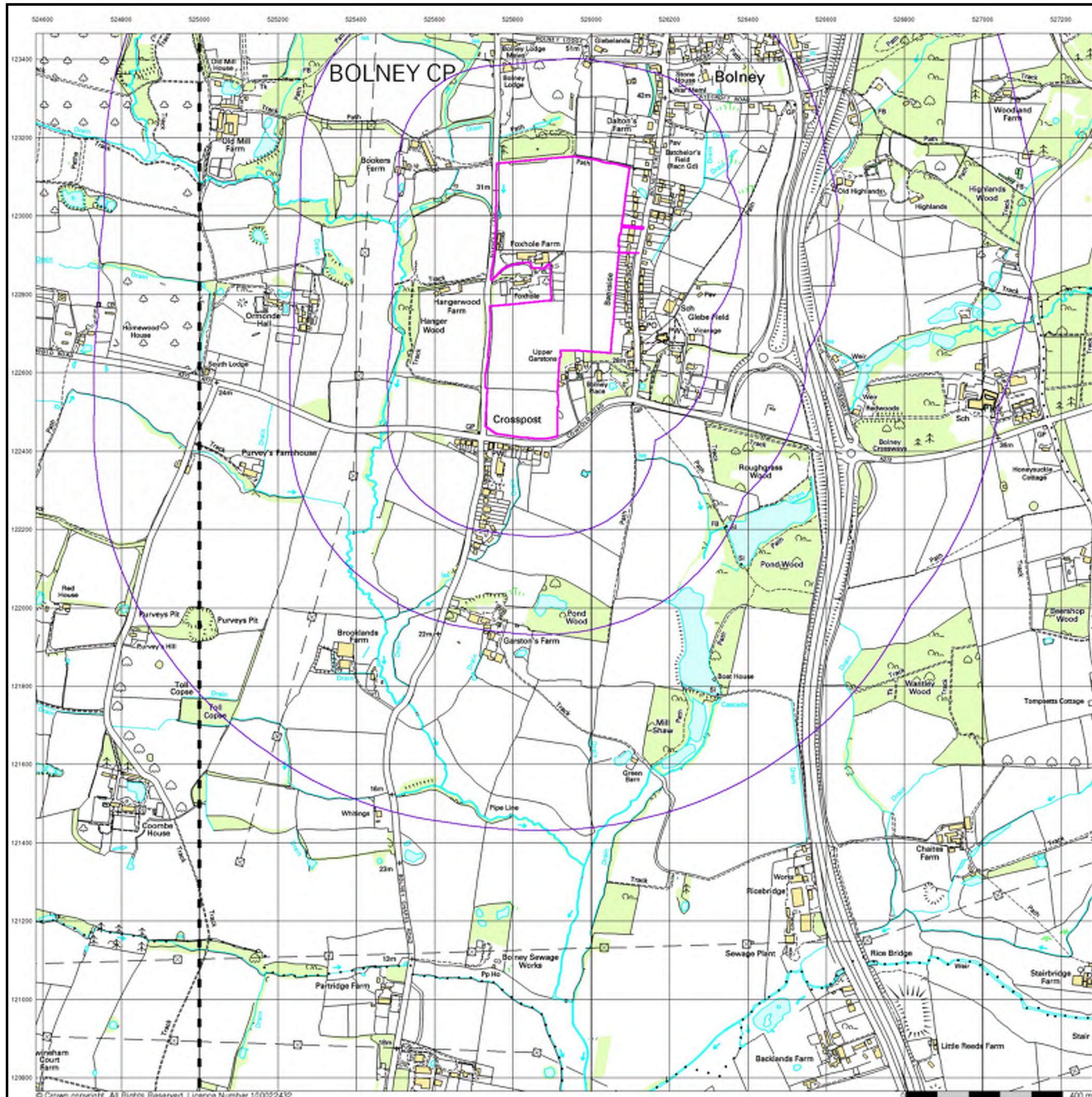
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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Geo-Environmental VectorMap Local

Published 2023

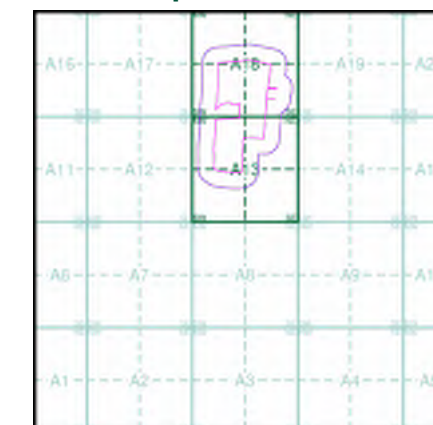
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ22SW 2023 Variable	TQ22SE 2023 Variable
----------------------------	----------------------------

Historical Map - Slice A



Order Details

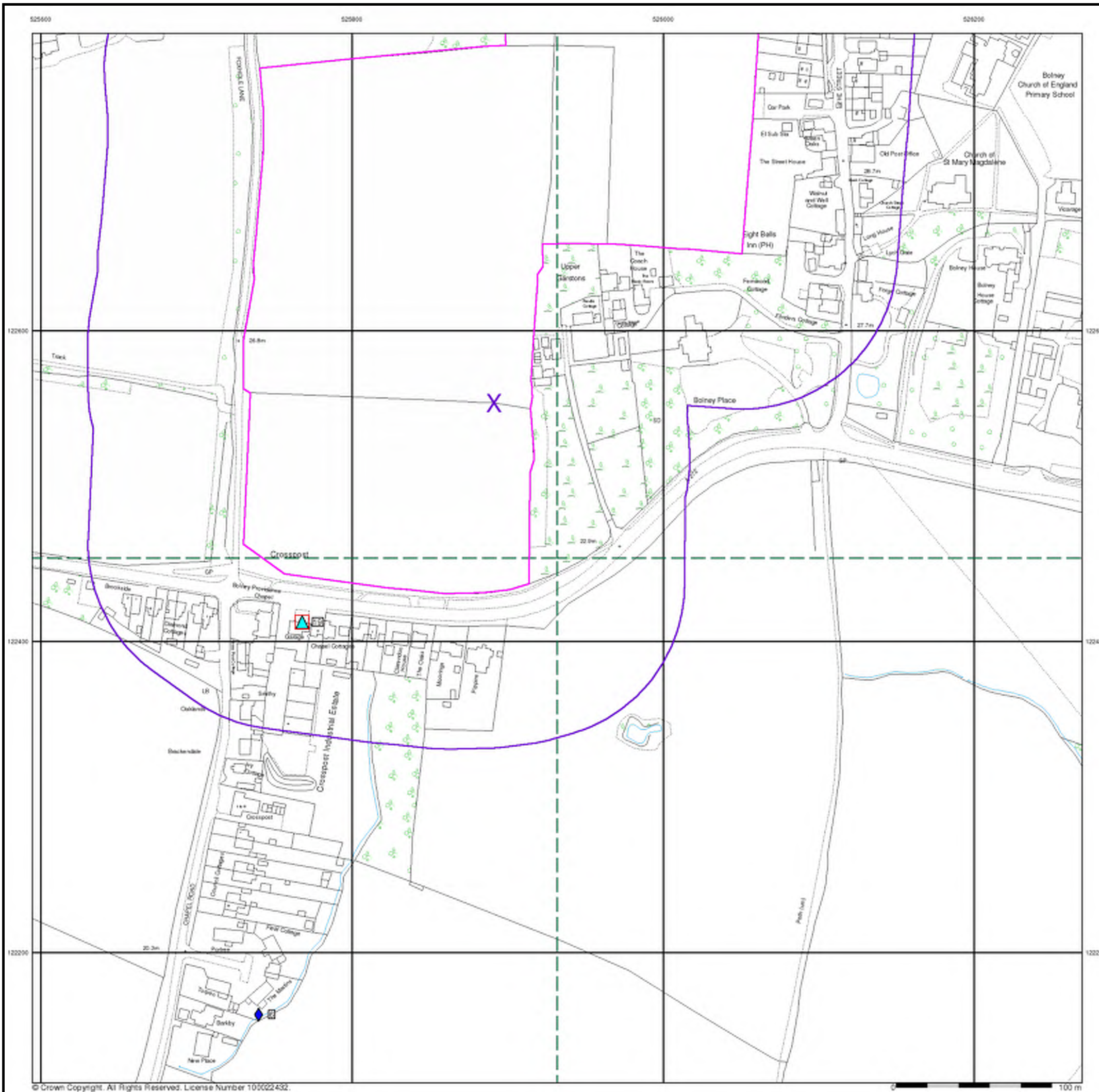
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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
- Map ID

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

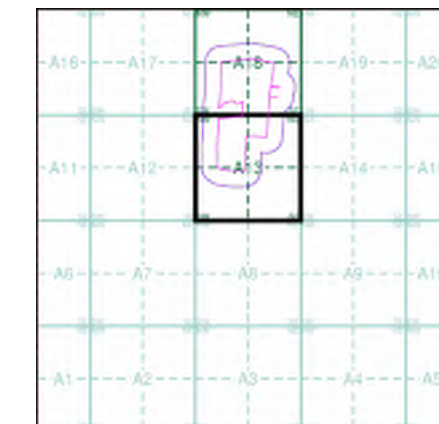
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A13

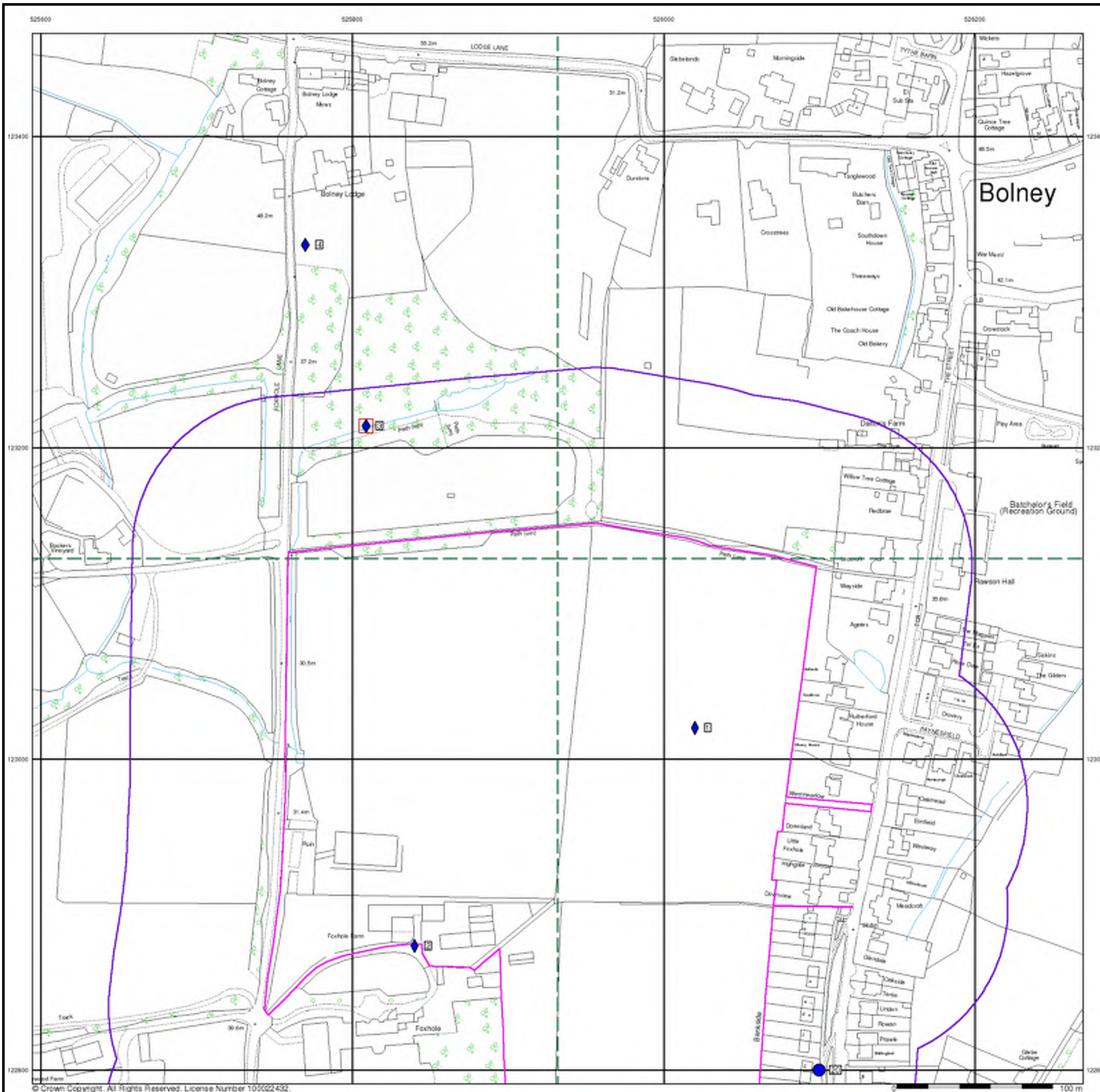


Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Plot Buffer (m): 100

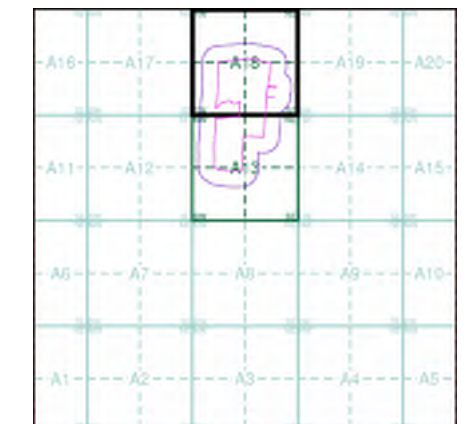
Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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

Site Sensitivity Map - Segment A18

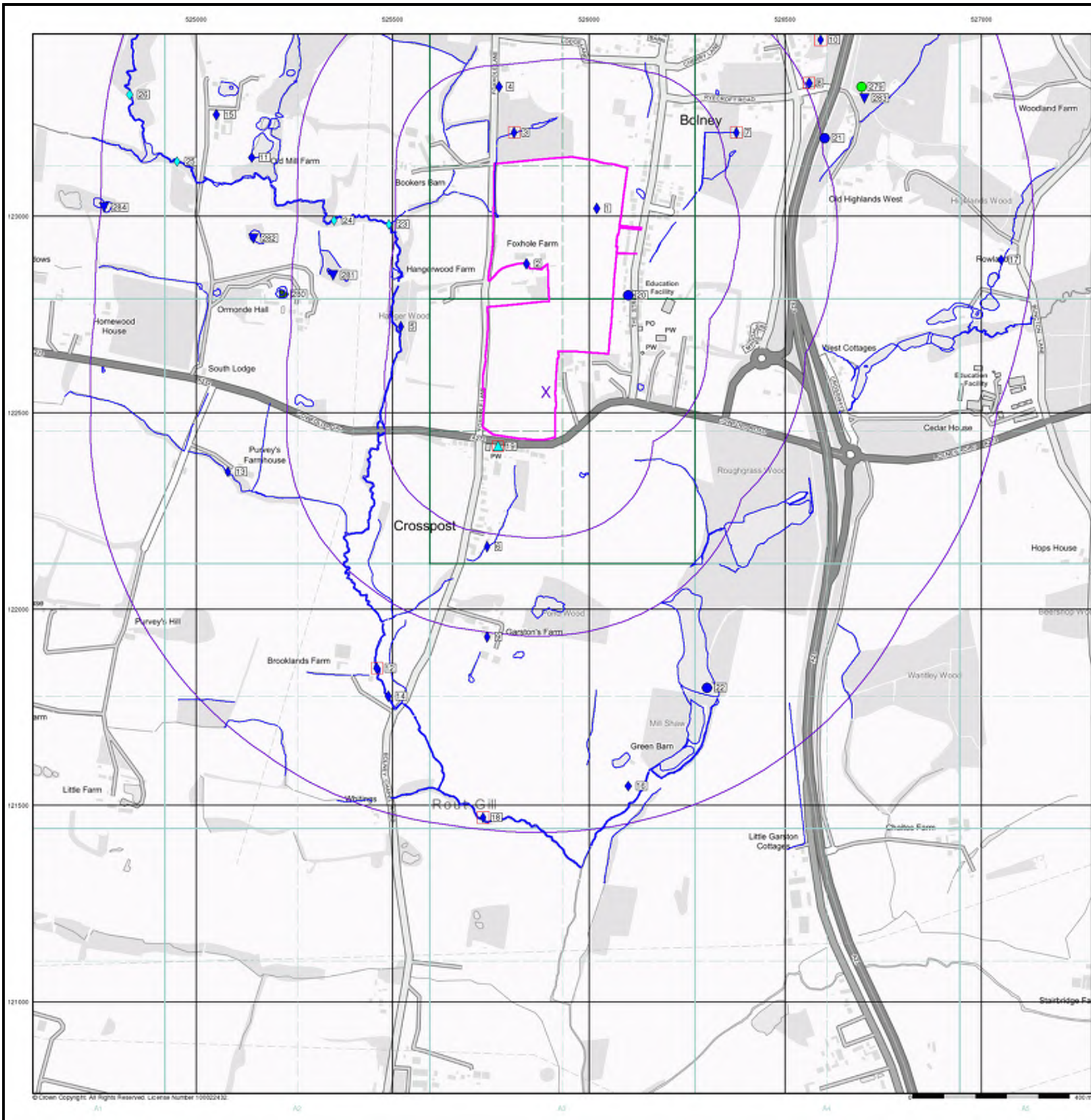


Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Plot Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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Geo-Environmental

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

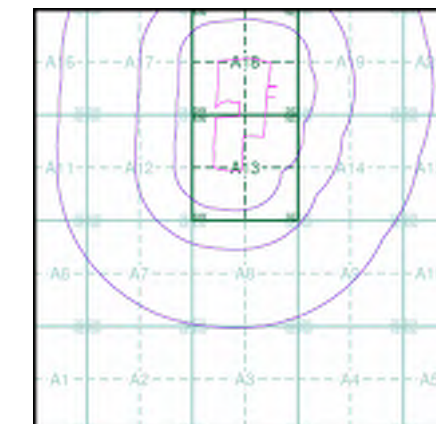
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice A



Order Details

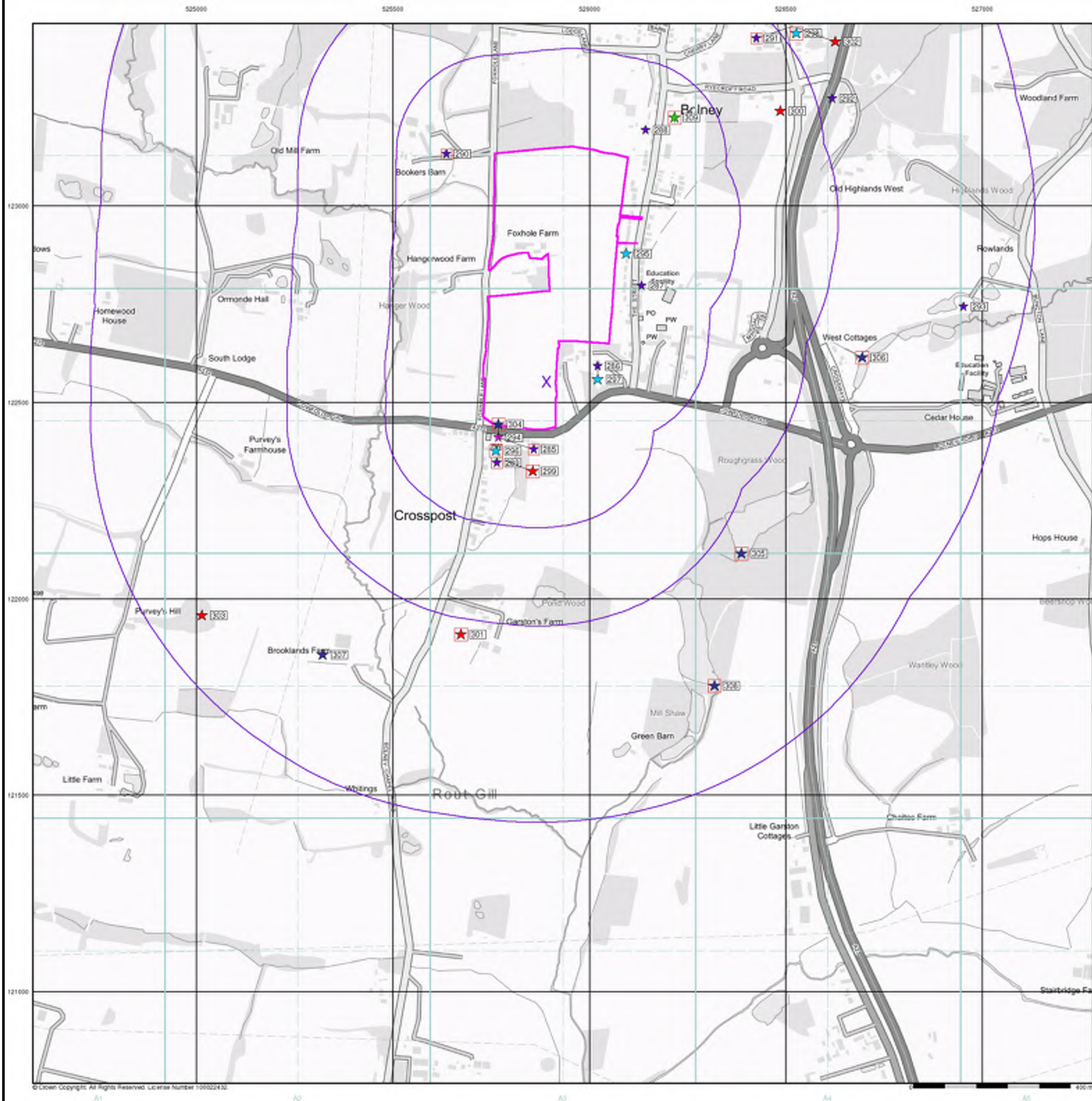
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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



Geo-Environmental Industrial Land Use Map

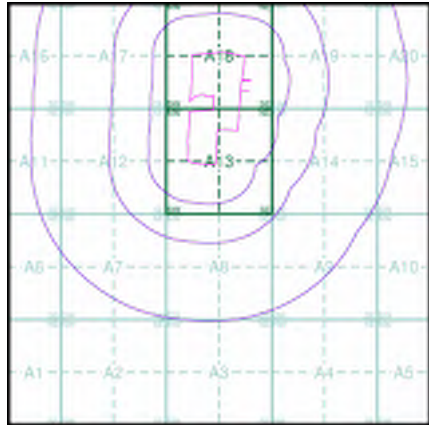
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

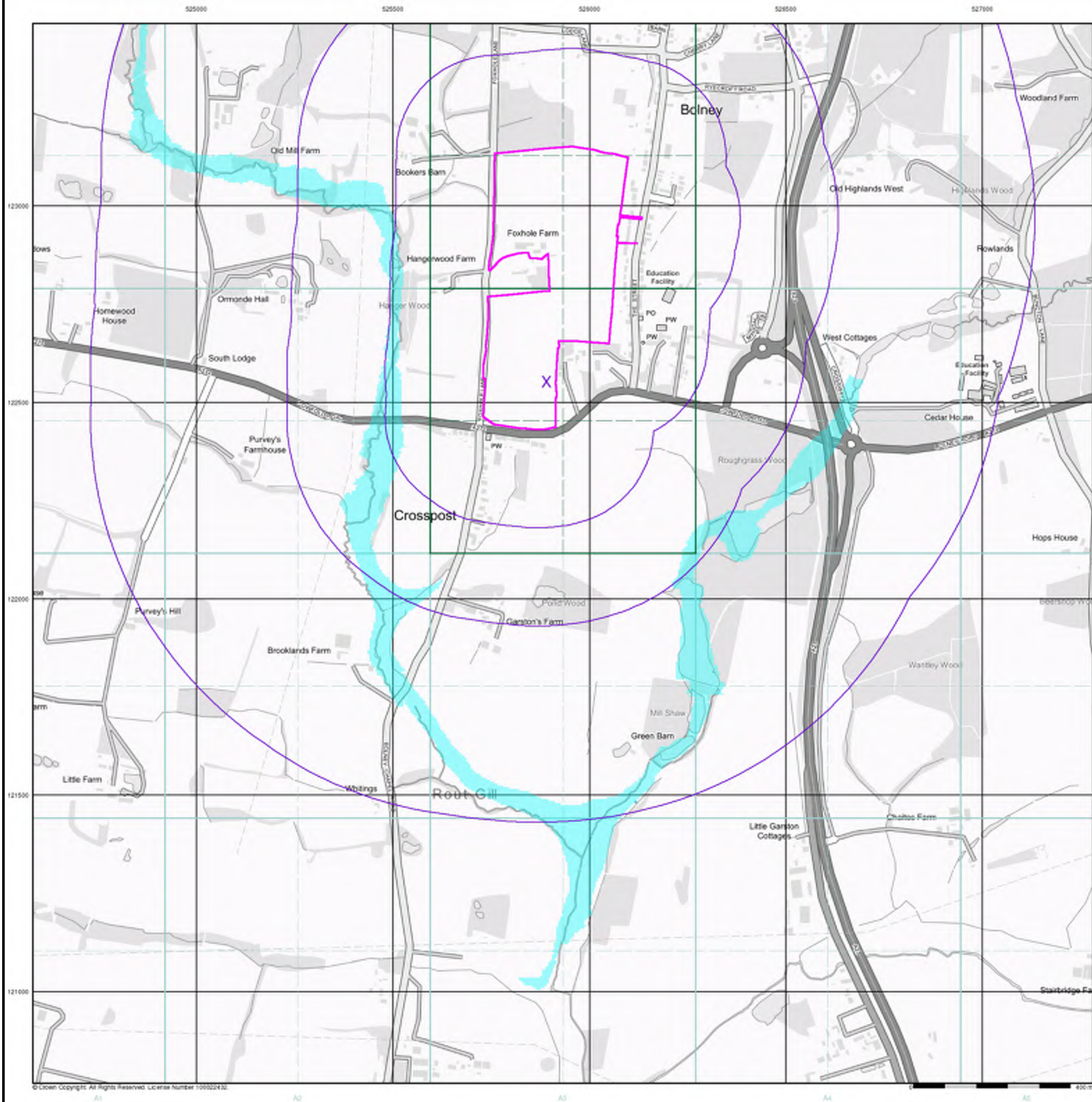
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
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Geo-Environmental

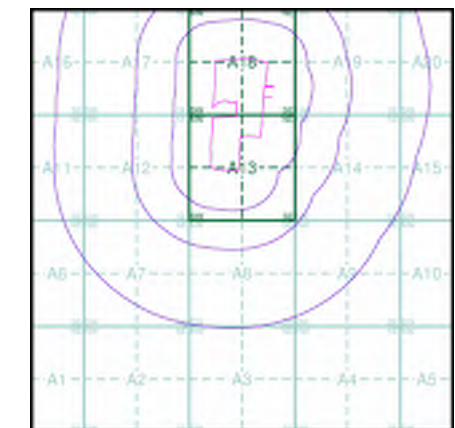
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

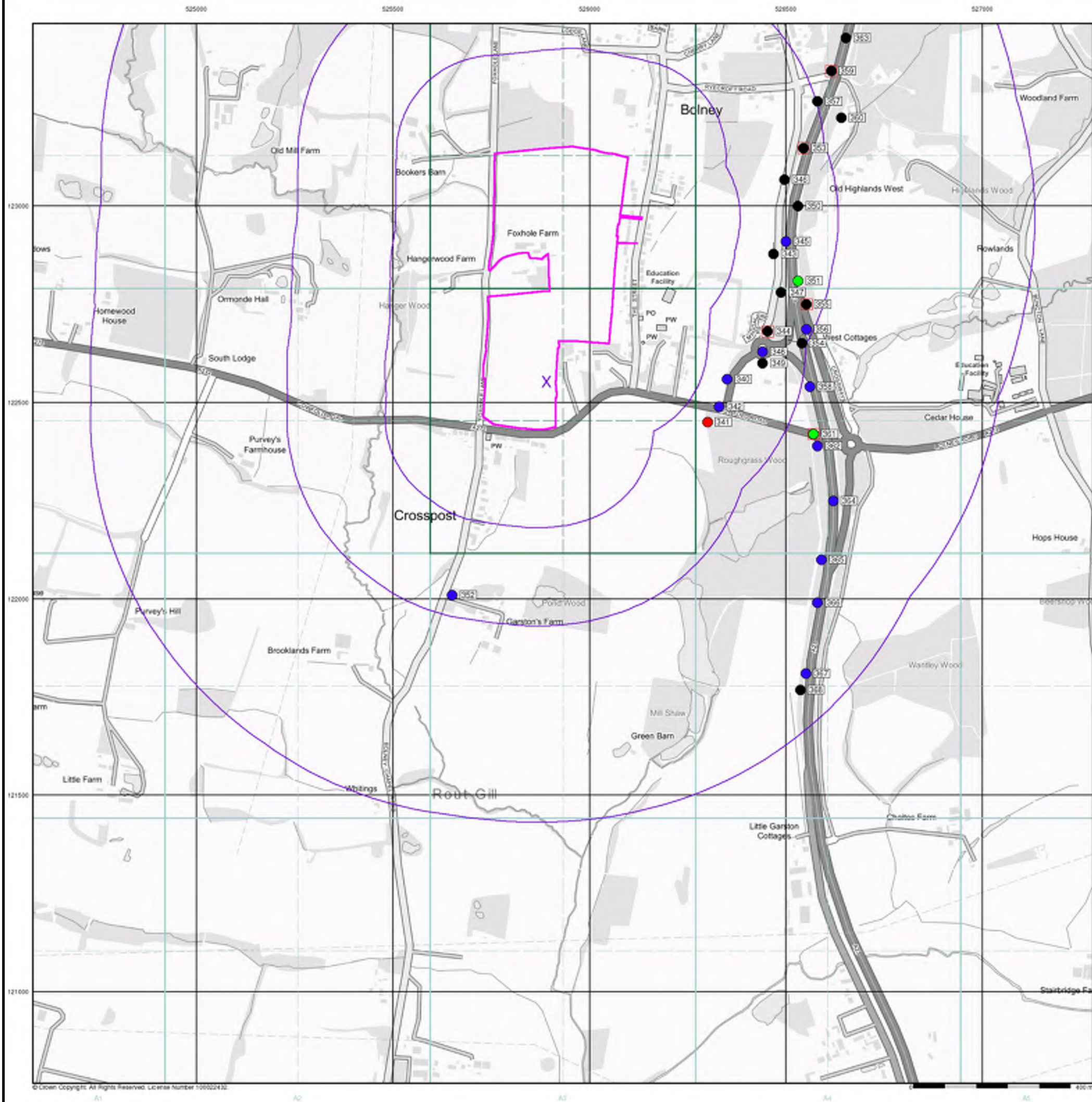
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental

General

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

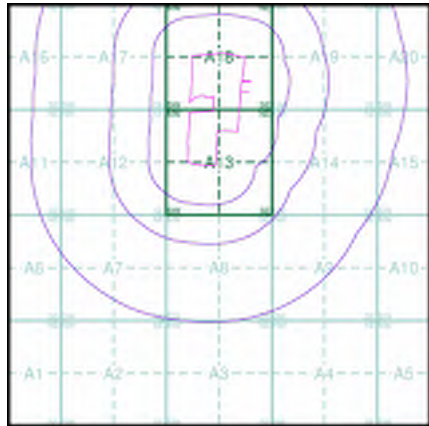
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



Geo-Environmental

General

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

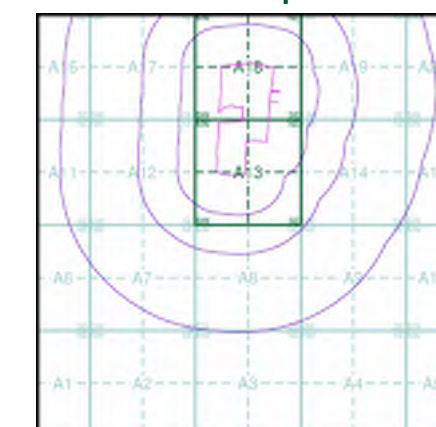
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

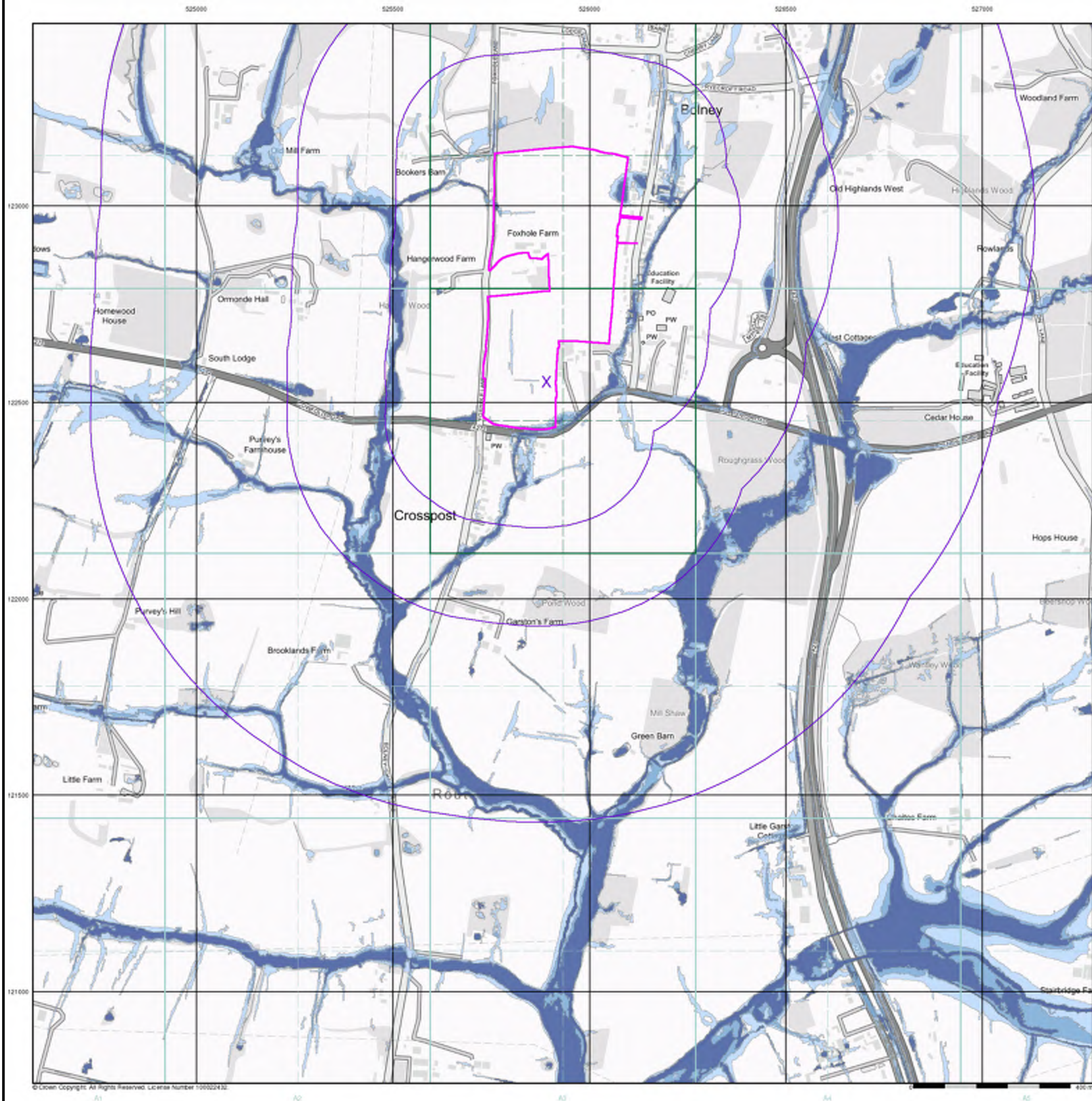
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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



Geo-Environmental

General

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

Risk of Flooding from Surface Water

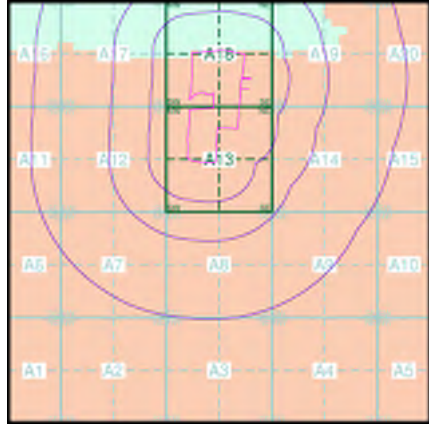
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EAN/RW Suitability Map - Slice A



Order Details

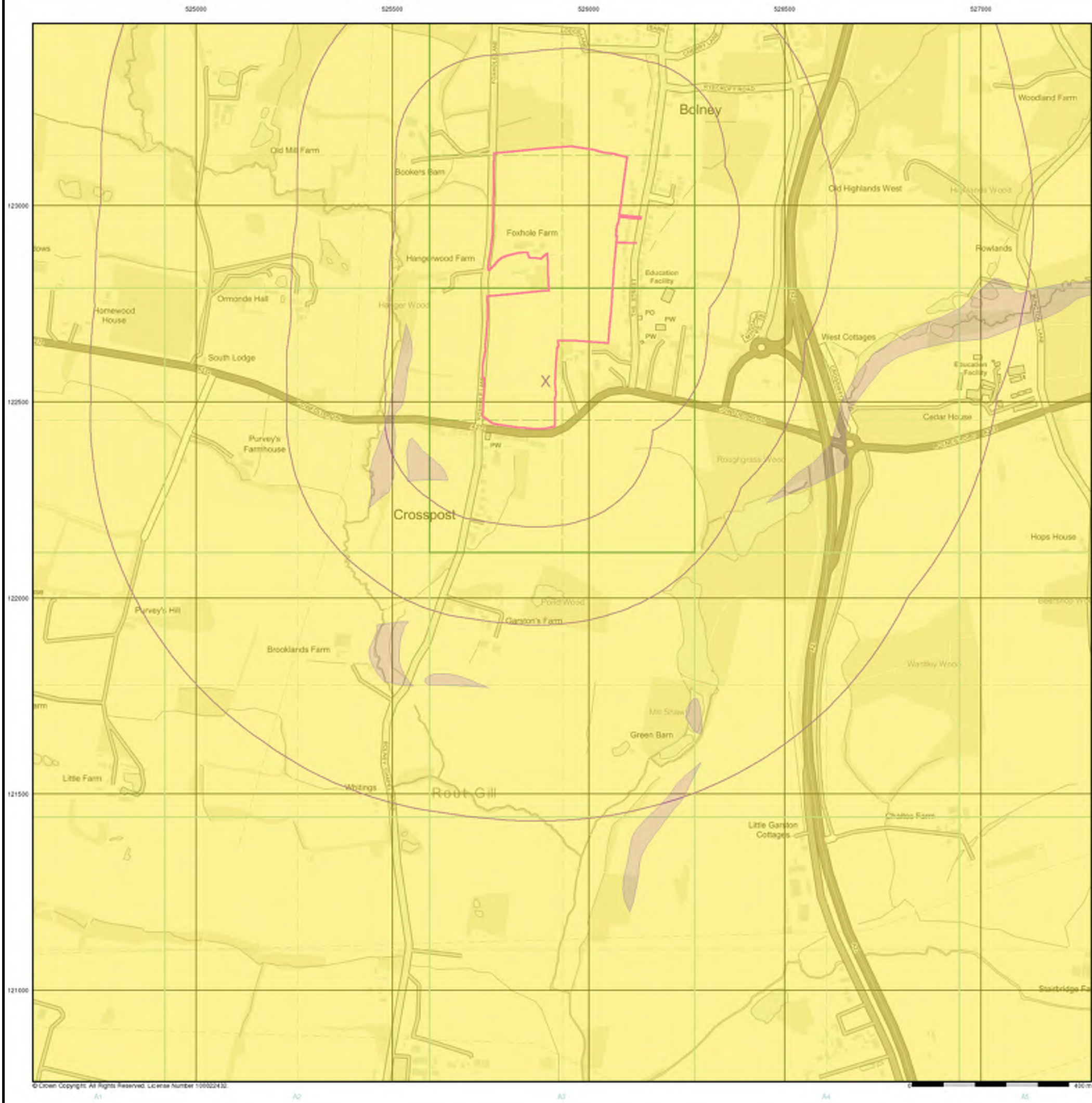
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 Customer Ref: GE22035
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 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

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Landmark
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Tel: 0844 844 9952
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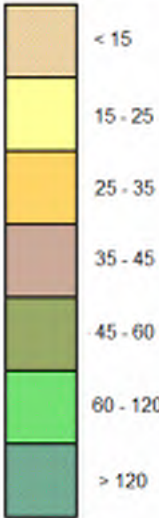
Geo-Environmental

General

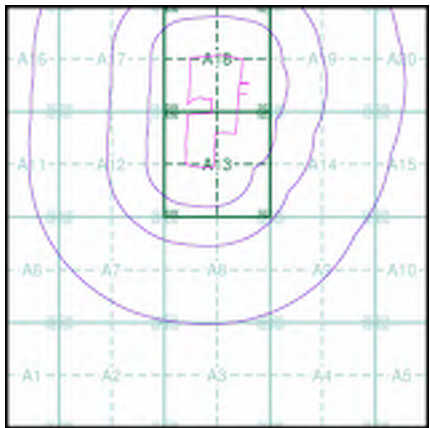
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

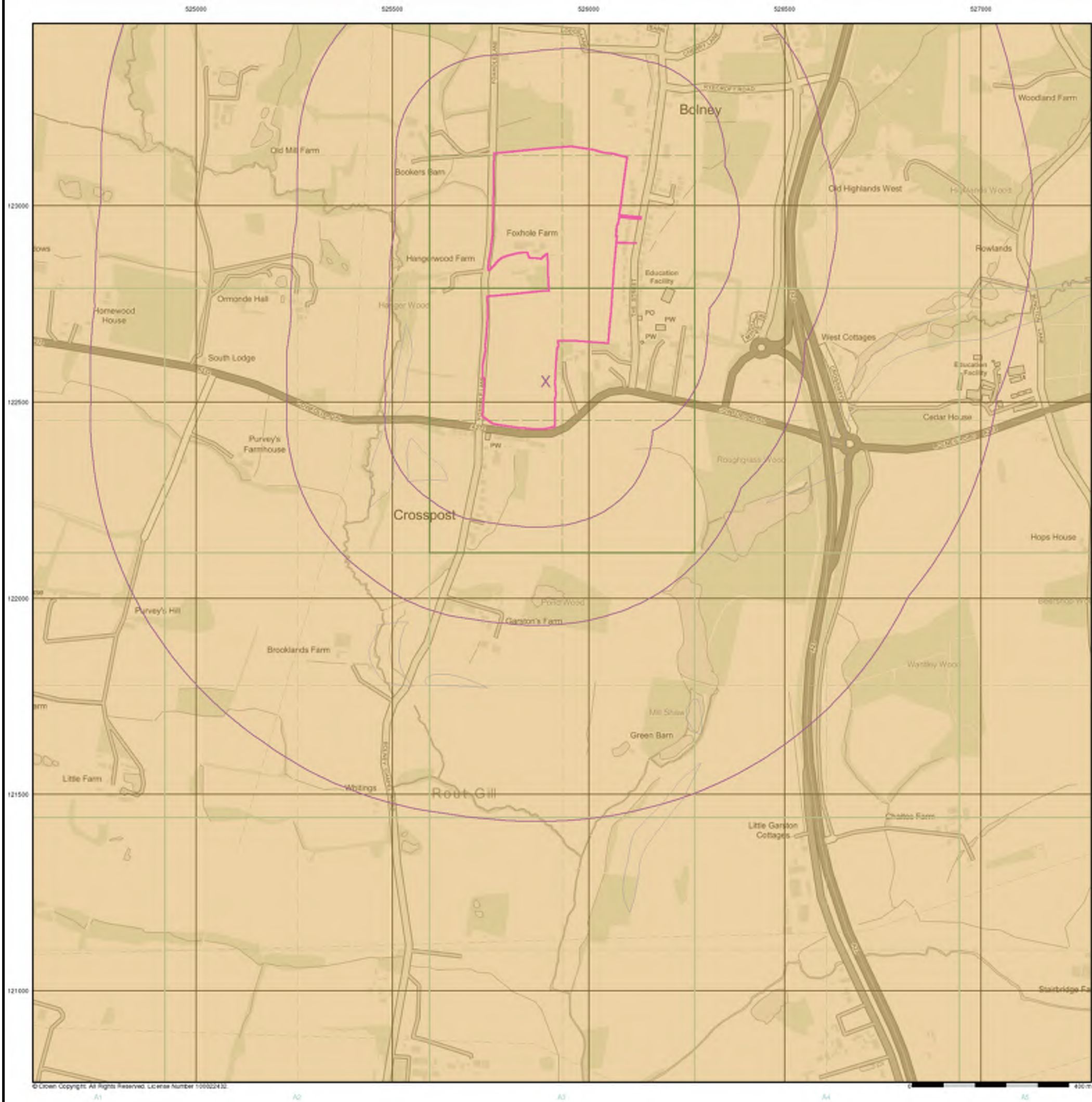
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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



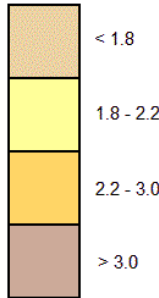
Geo-Environmental

General

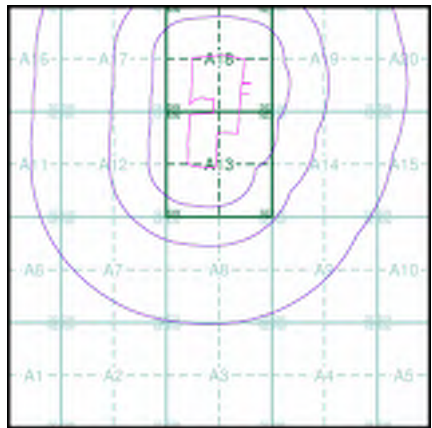
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 323927451_1_1
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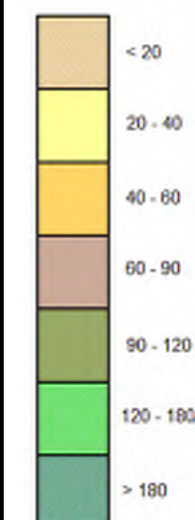
Geo-Environmental

General

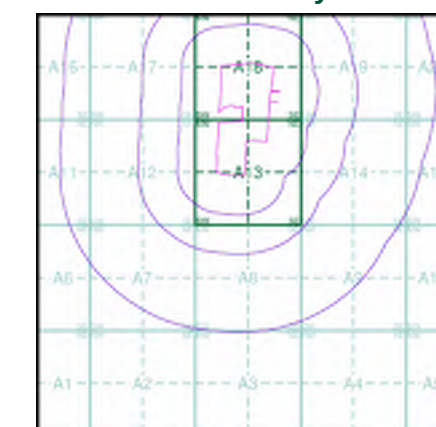
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

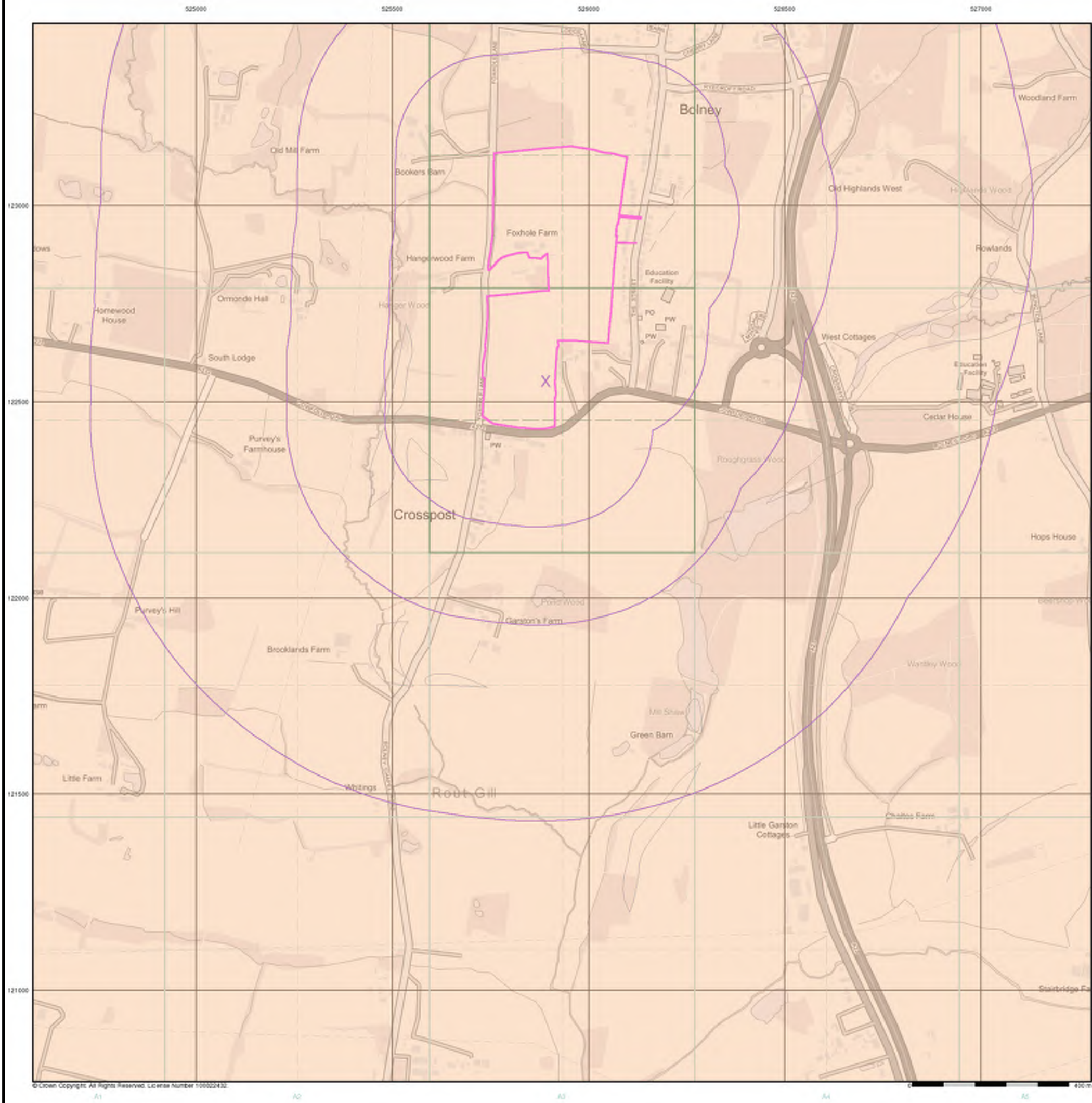
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Landmark
INFORMATION GROUP

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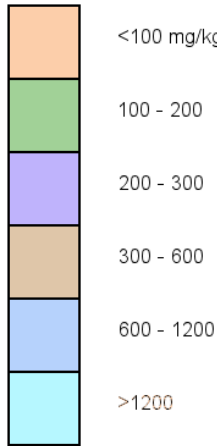
Geo-Environmental

General

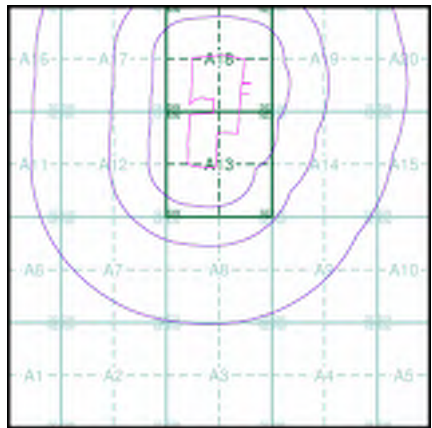
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

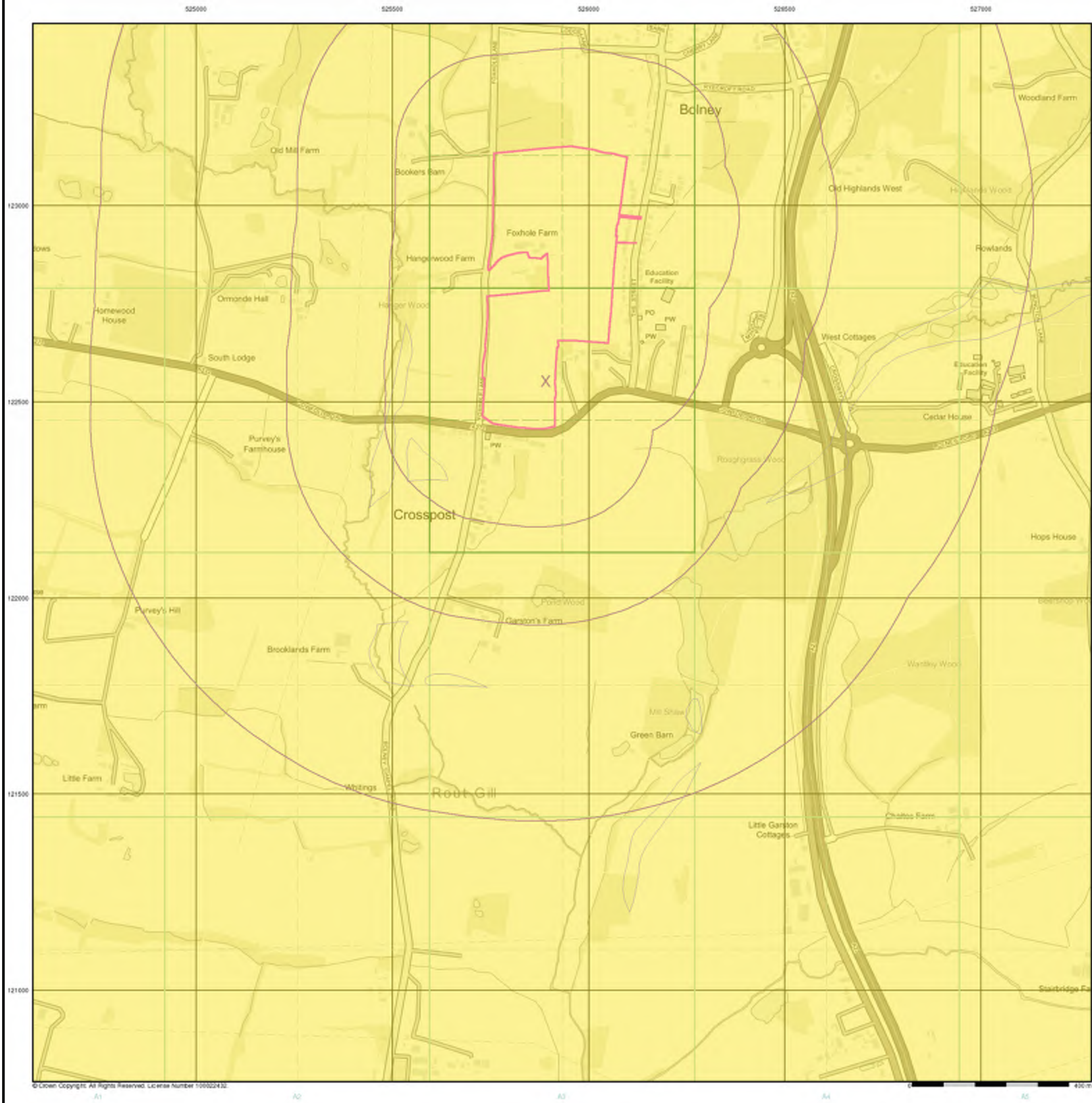
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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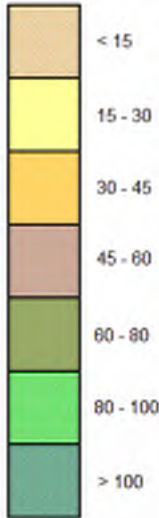
Geo-Environmental

General

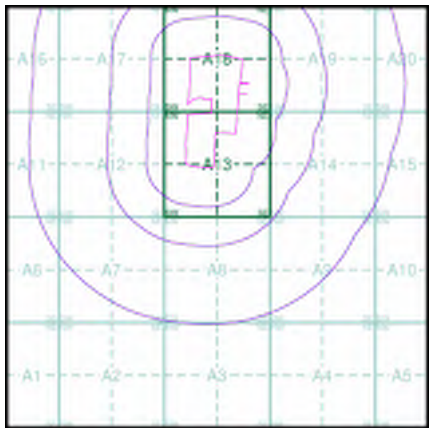
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

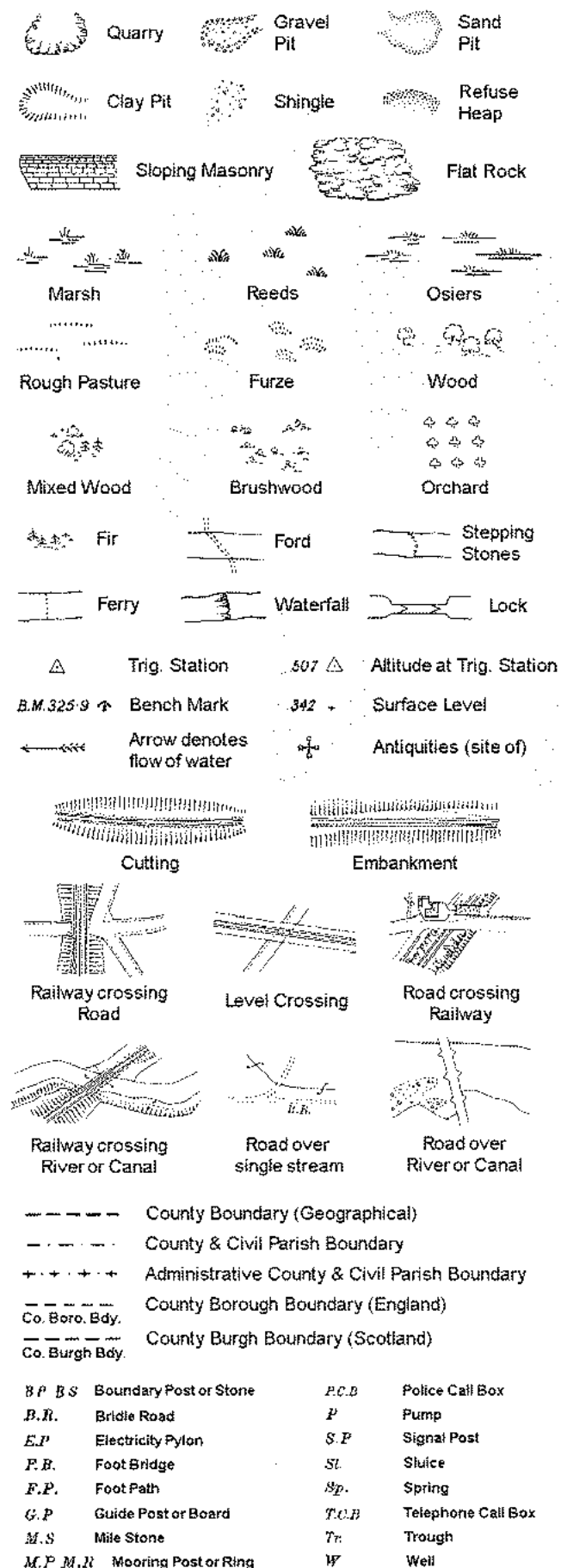
Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



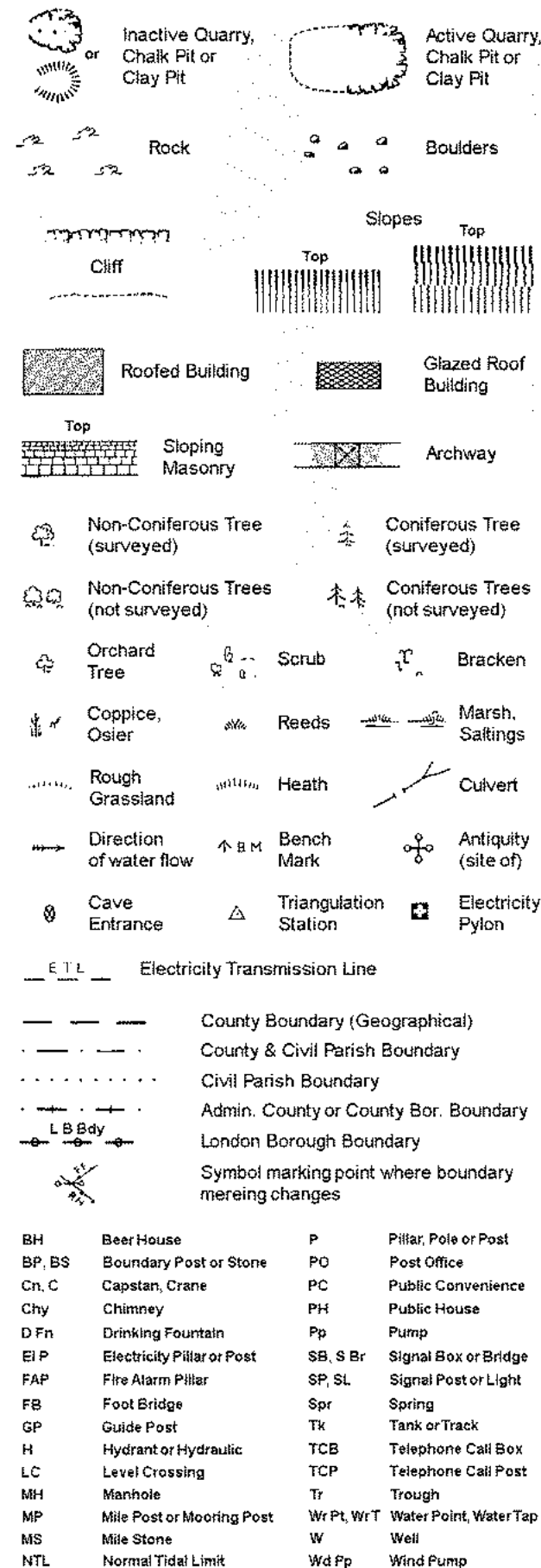
Tel: 0844 844 9952
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Web: www.envirocheck.co.uk

Historical Mapping Legends

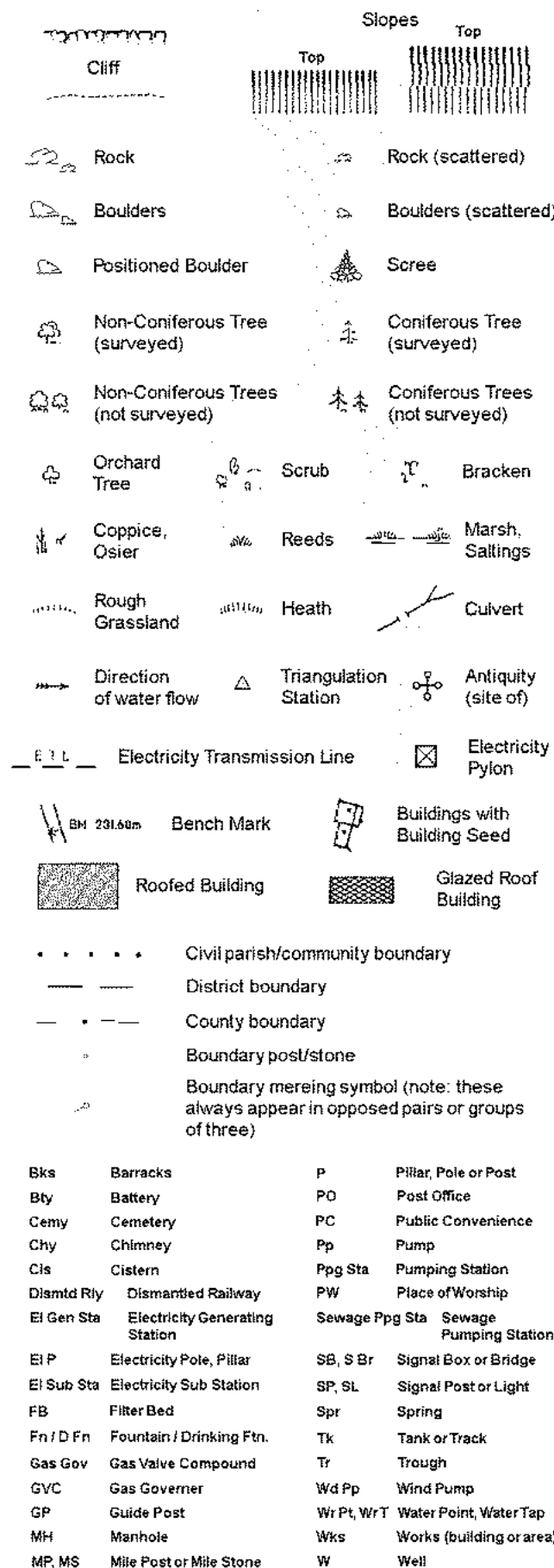
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



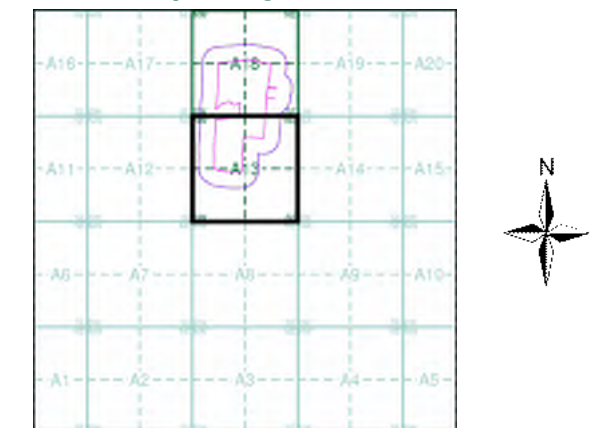
Large-Scale National Grid Data 1:2,500 and 1:1,250



Geo-Environmental Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1875	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1911	4
Sussex	1:2,500	1938	5
Ordnance Survey Plan	1:2,500	1956 - 1957	6
Ordnance Survey Plan	1:2,500	1964 - 1974	7
Additional SIMs	1:2,500	1978	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment A13



Order Details

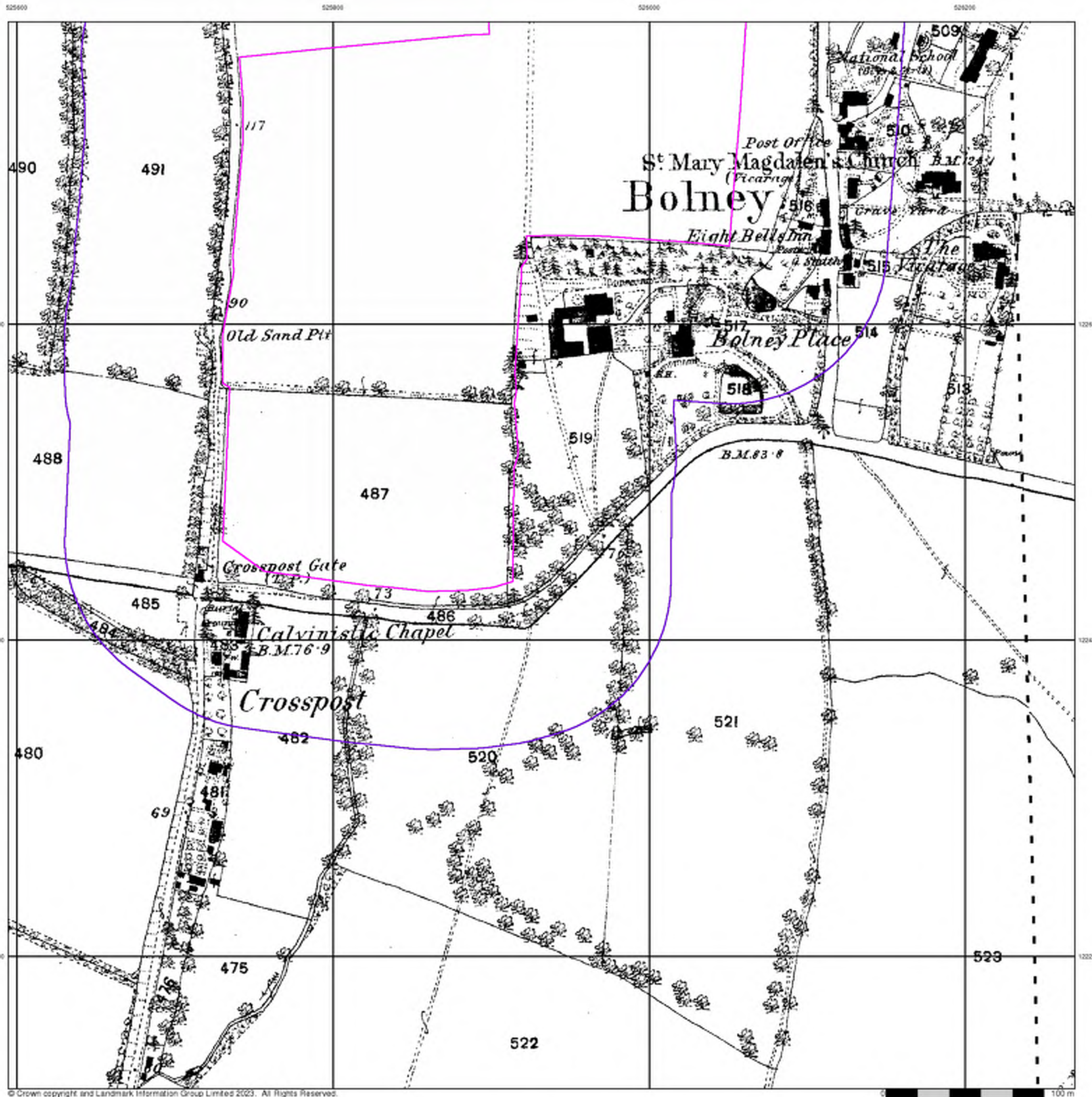
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

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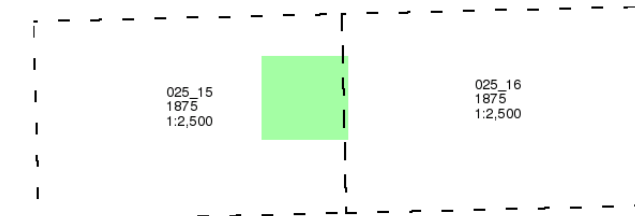
**Geo-Environmental
Sussex**

Published 1875

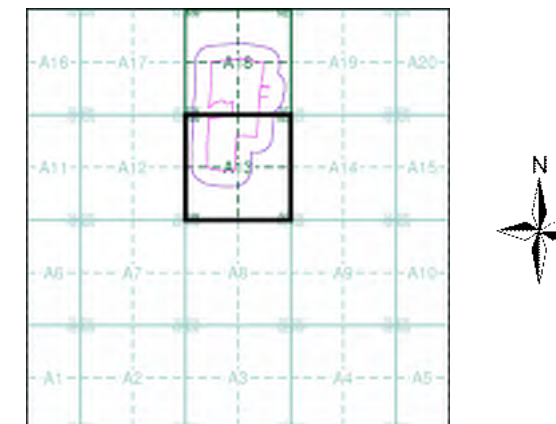
Source map scale - 1:2,500

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

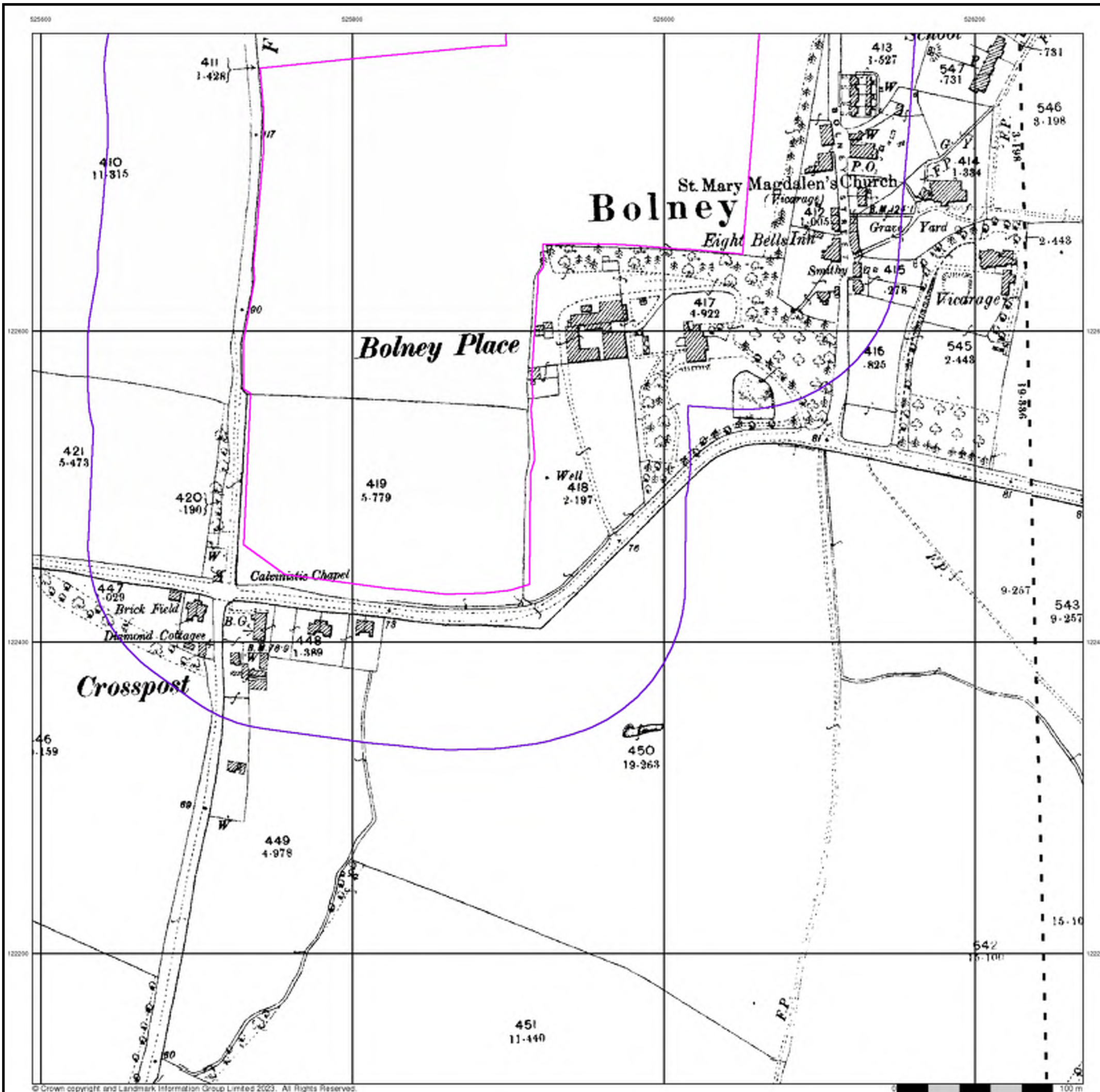
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Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

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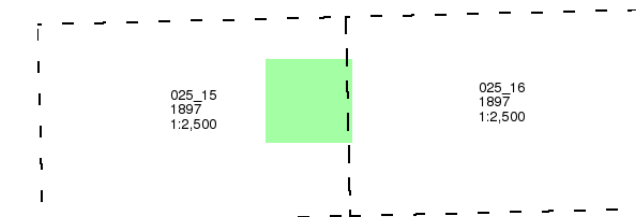
**Geo-Environmental
Sussex**

Published 1897

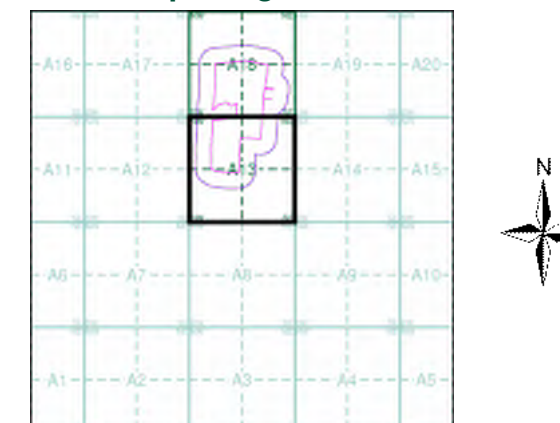
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
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Site Details

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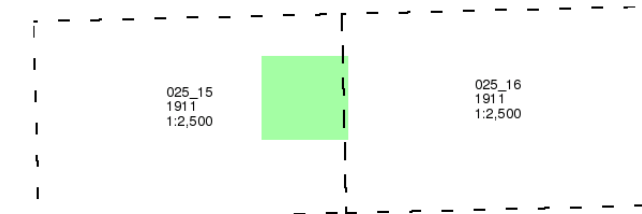
**Geo-Environmental
Sussex**

Published 1911

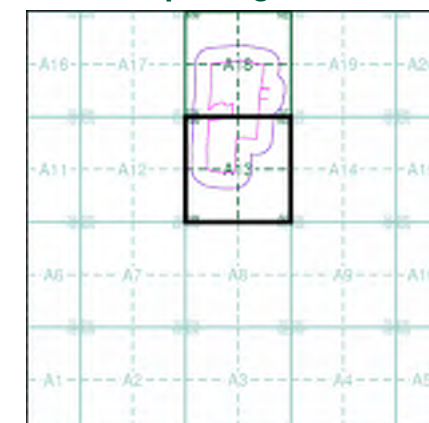
Source map scale - 1:2,500

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

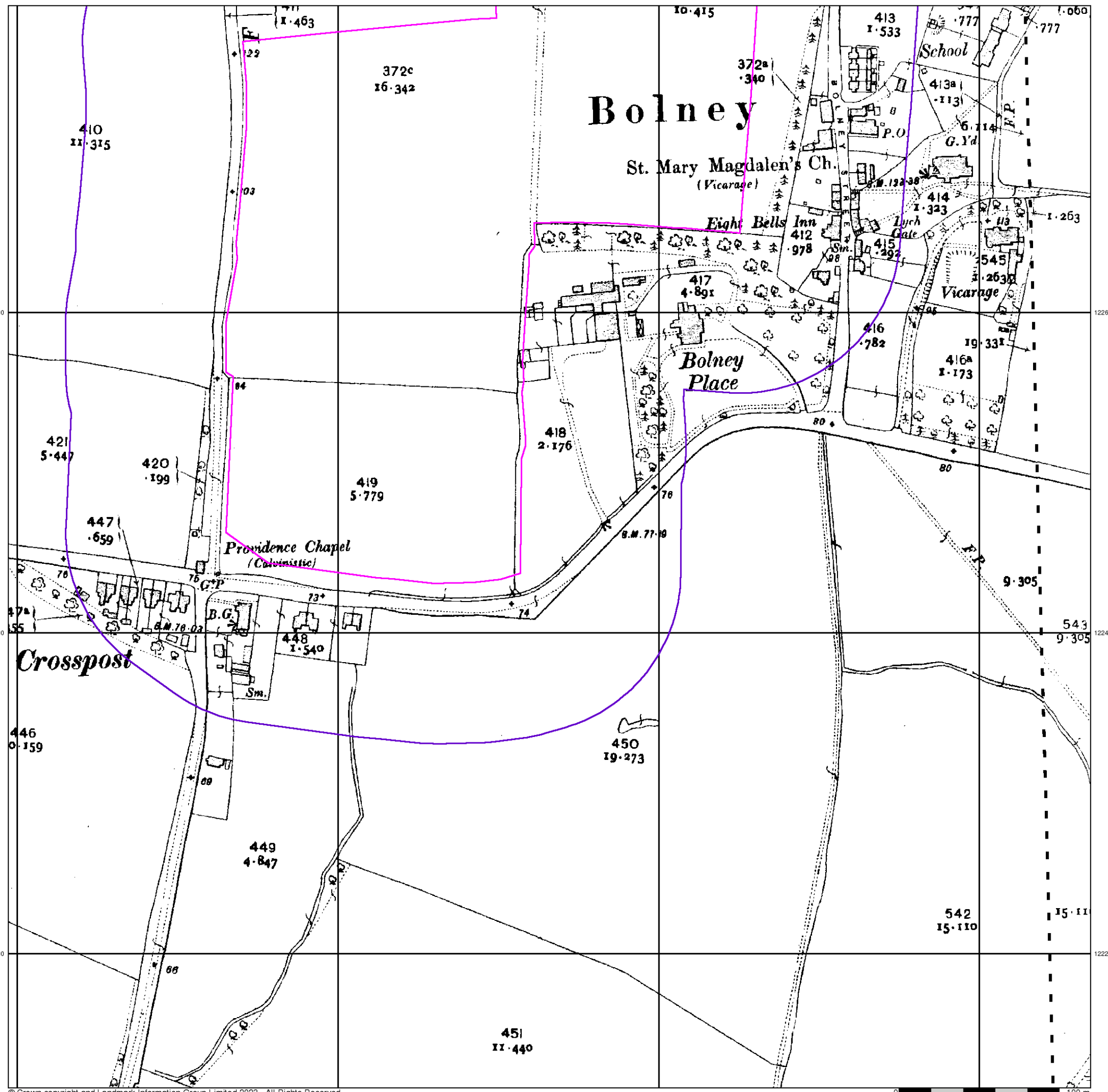
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

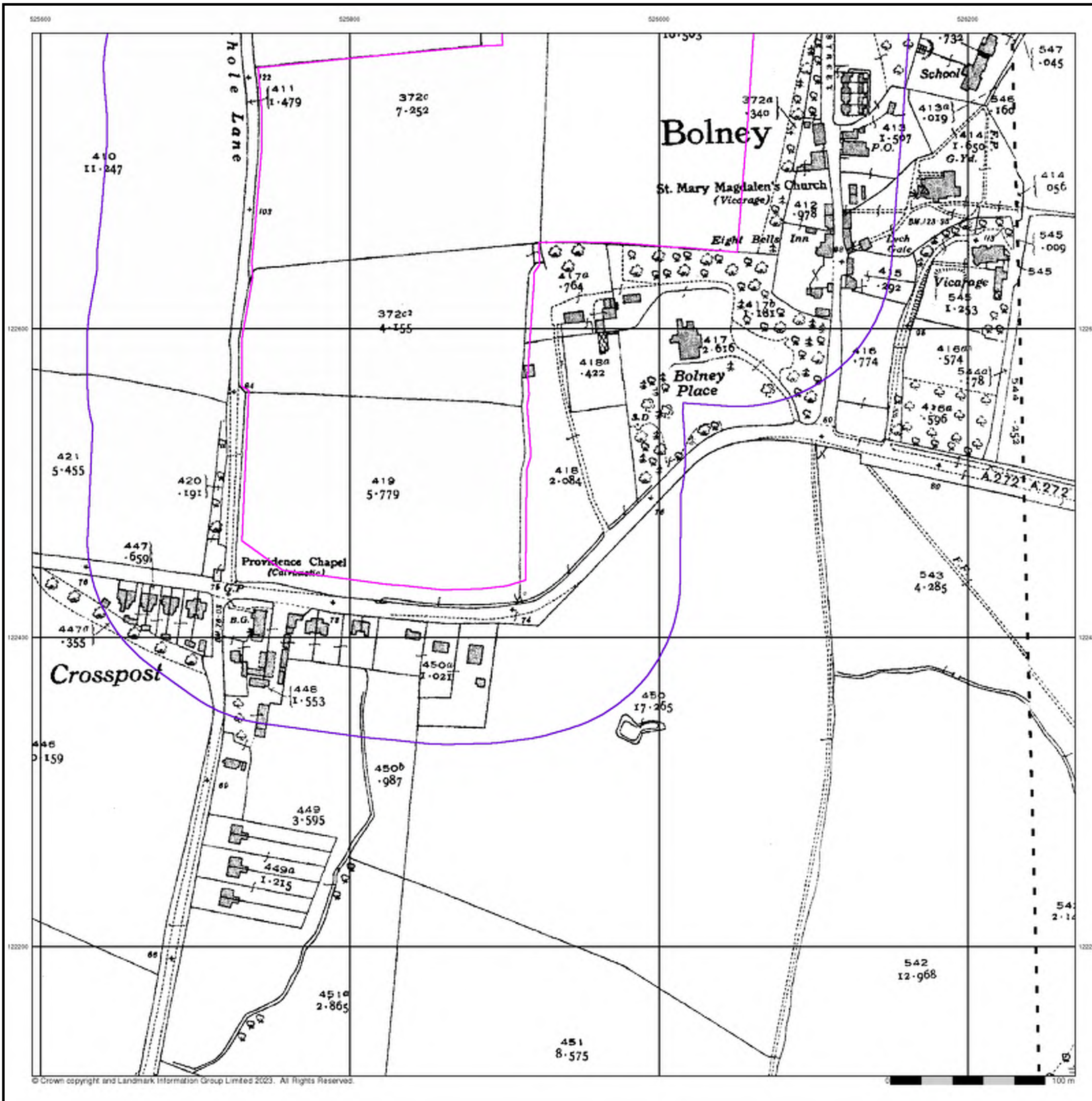
Site Details

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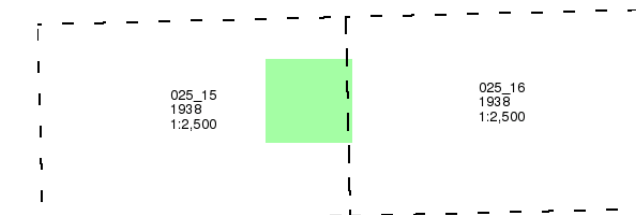
**Geo-Environmental
Sussex**

Published 1938

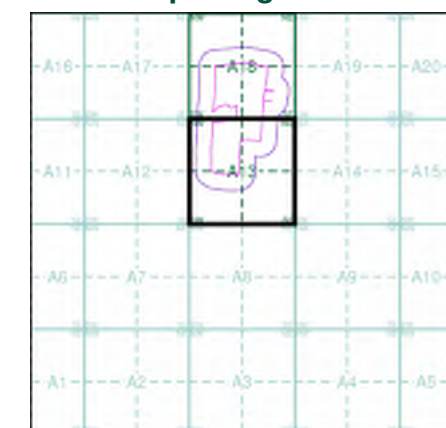
Source map scale - 1:2,500

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: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 100

Site Details

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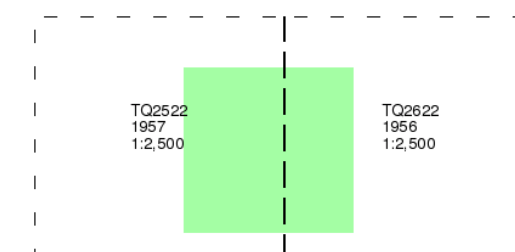
Geo-Environmental Ordnance Survey Plan

Published 1956 - 1957

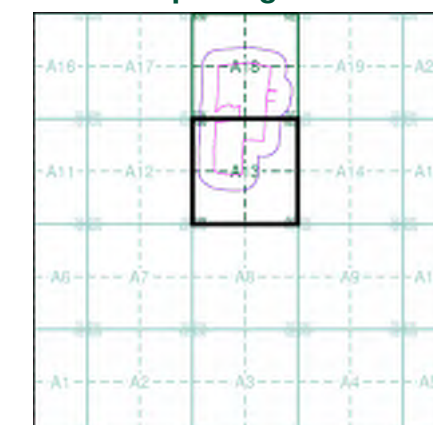
Source map scale - 1:2,500

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

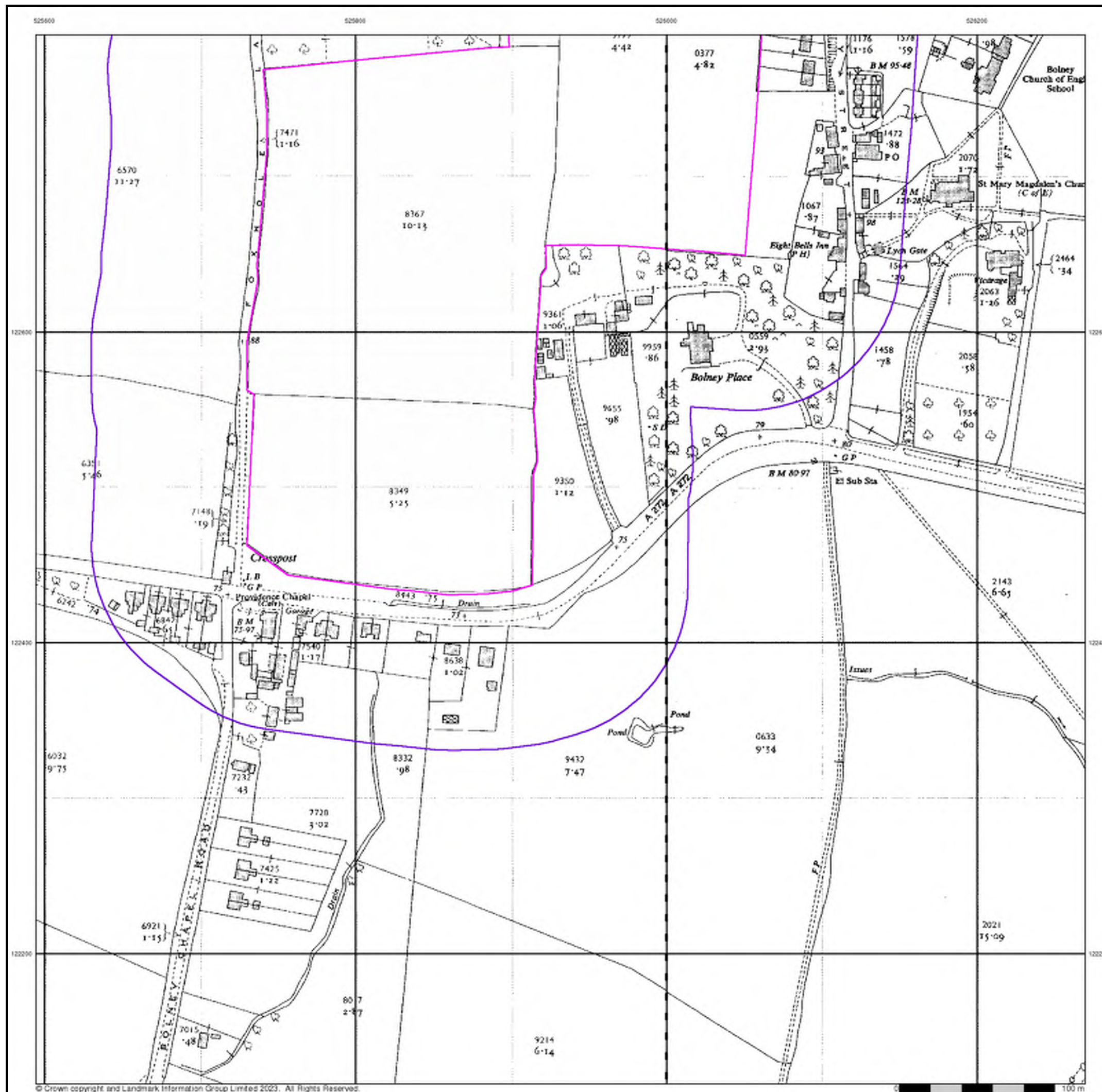
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Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

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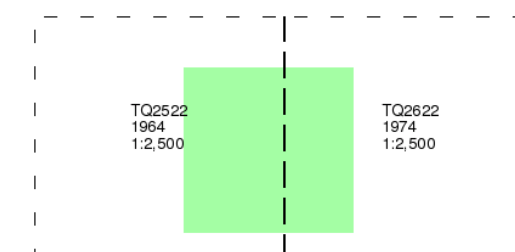
Geo-Environmental Ordnance Survey Plan

Published 1964 - 1974

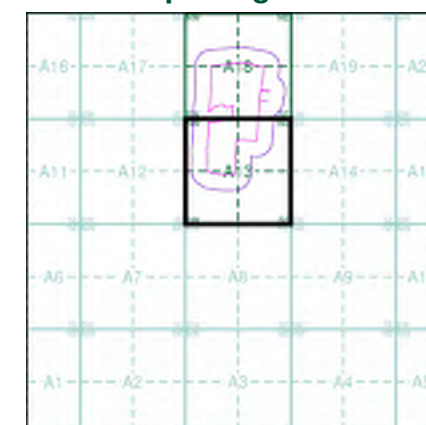
Source map scale - 1:2,500

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

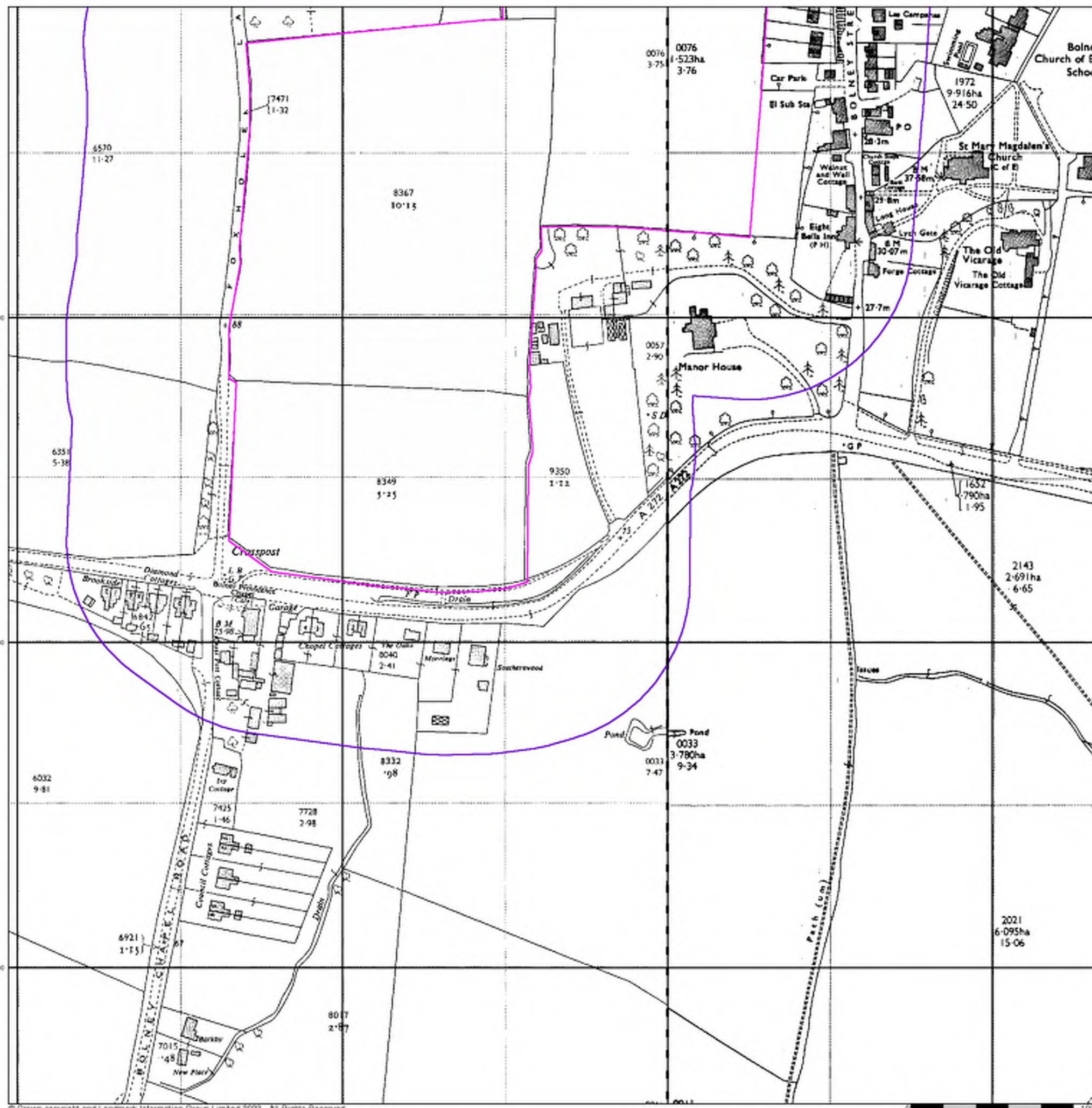
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 100

Site Details

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525800

525800

526000

526200



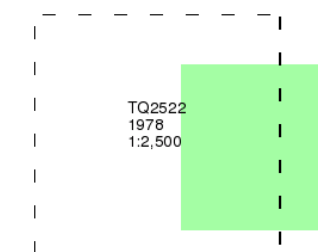
Geo-Environmental Additional SIMs

Published 1978

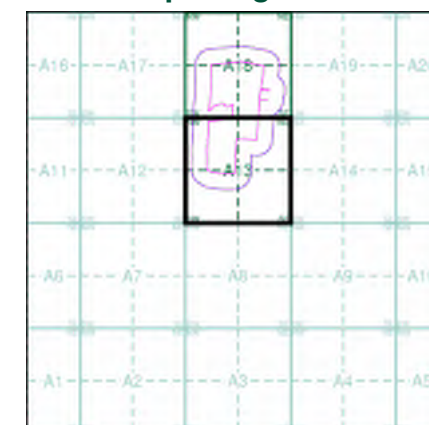
Source map scale - 1:2,500

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

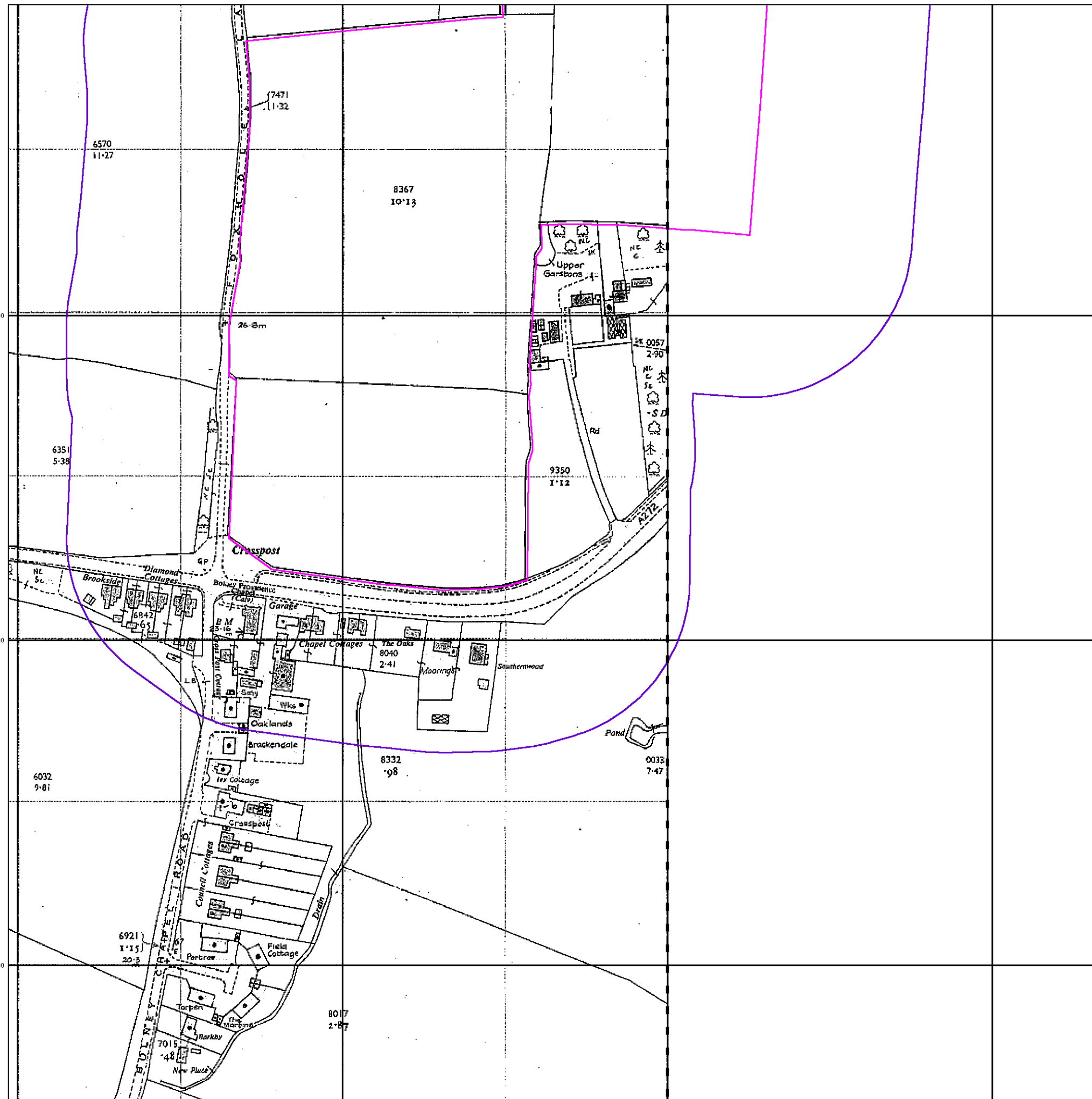
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

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Landmark
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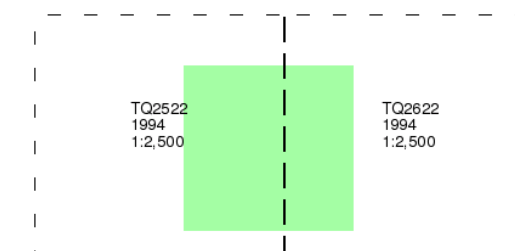
Geo-Environmental Large-Scale National Grid Data

Published 1994

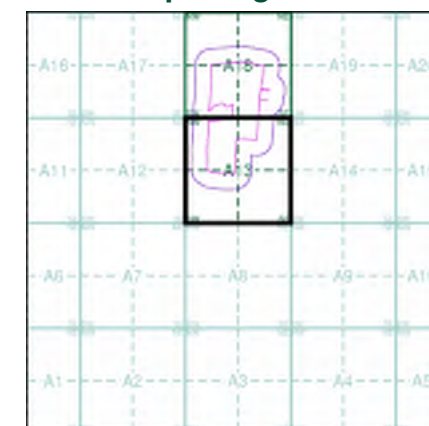
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

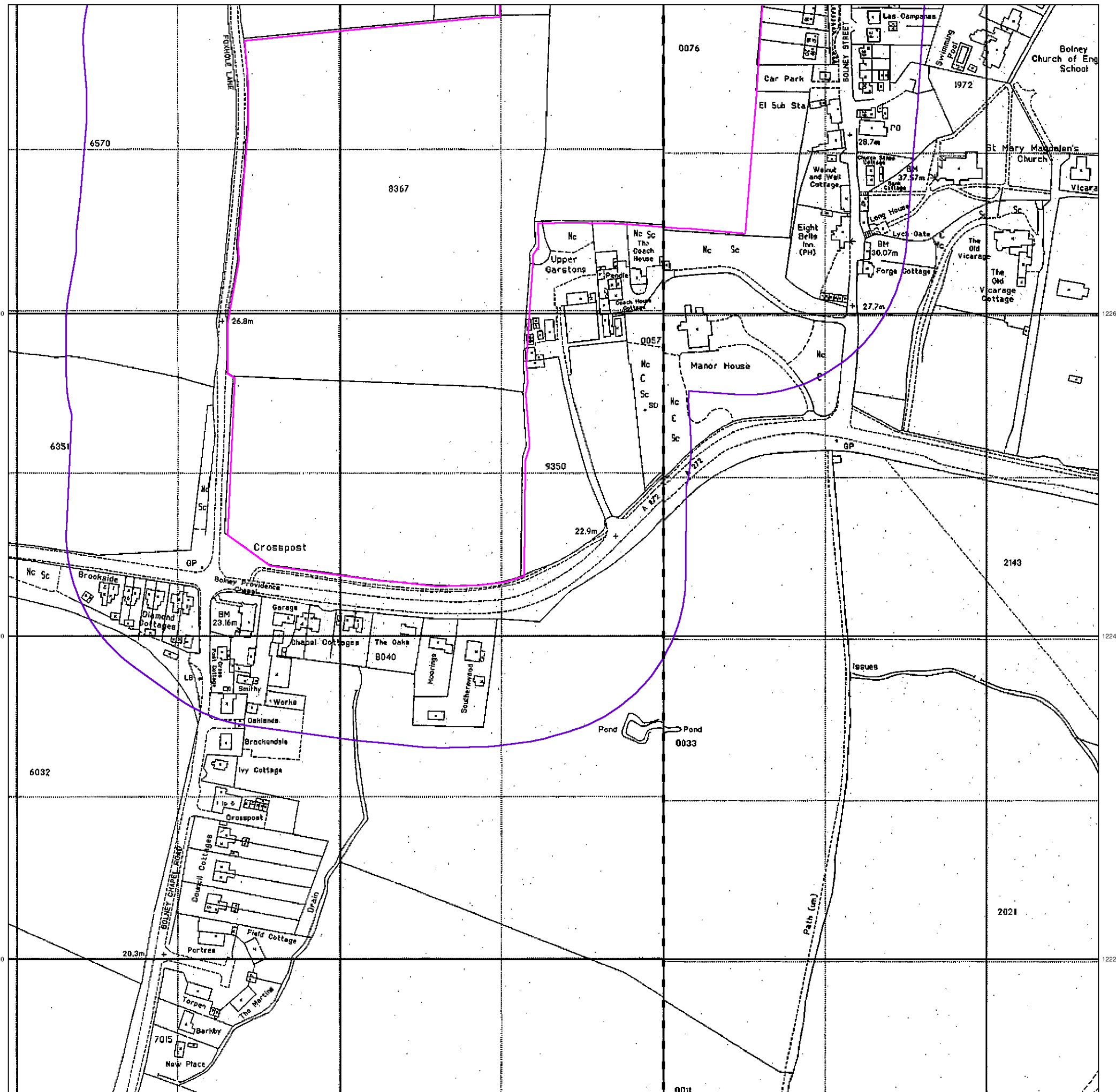
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 100

Site Details

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525600

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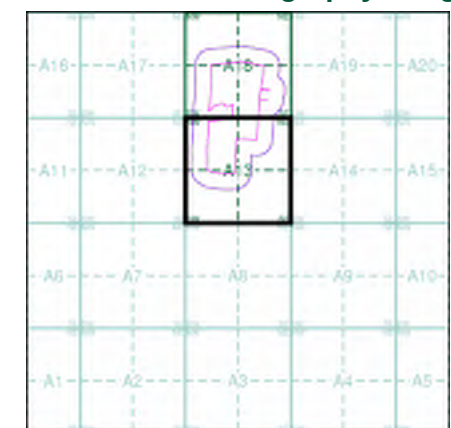


Geo-Environmental Historical Aerial Photography

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

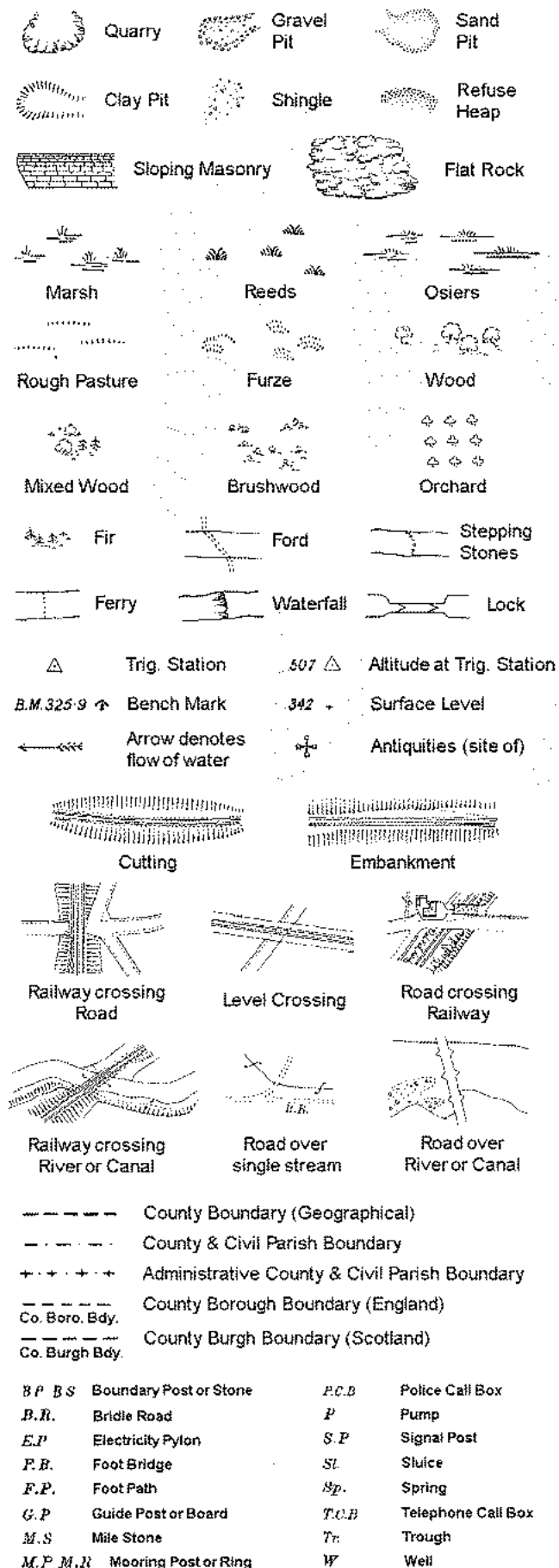
Landmark
 INFORMATION GROUP

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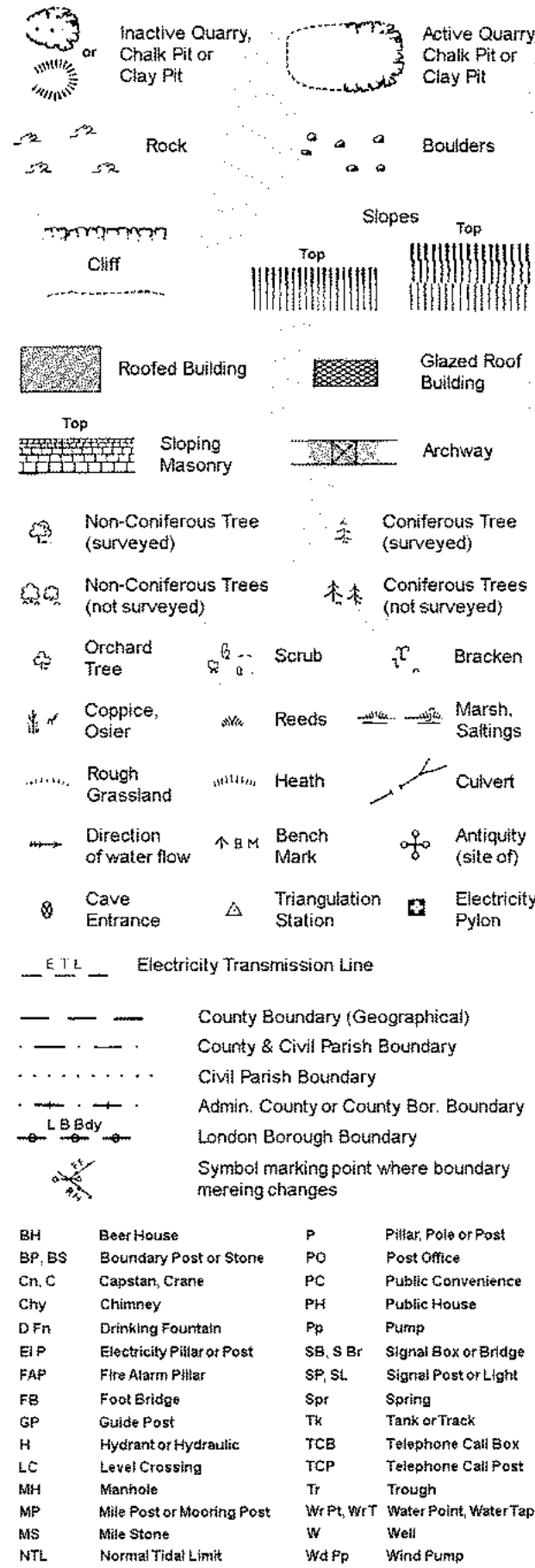


Historical Mapping Legends

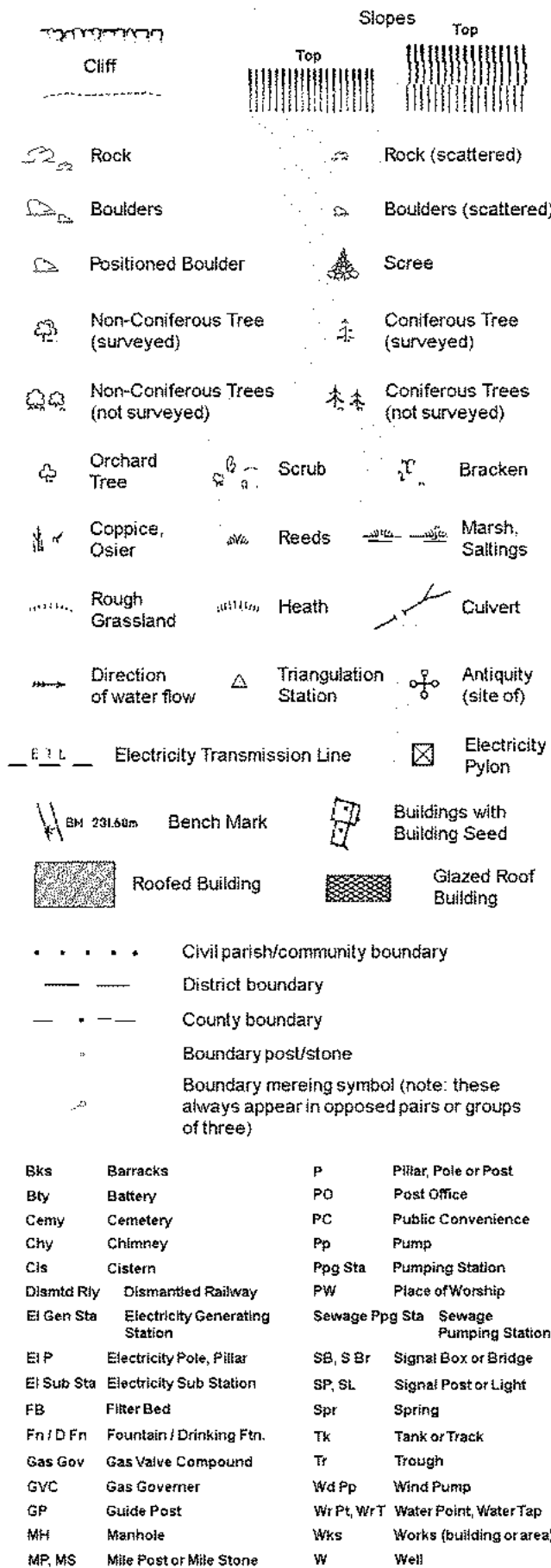
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



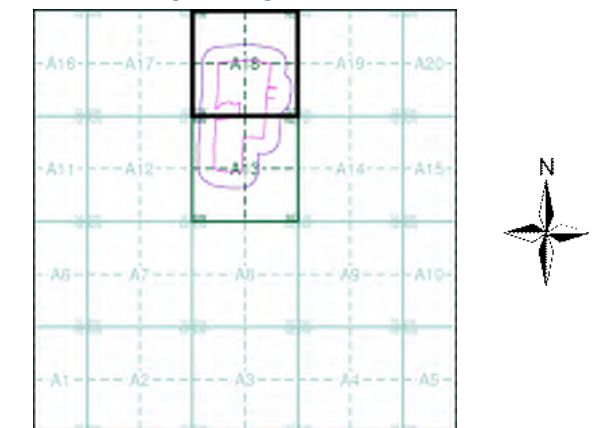
Large-Scale National Grid Data 1:2,500 and 1:1,250



Geo-Environmental Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1875 - 1876	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1911 - 1912	4
Sussex	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:2,500	1956 - 1957	6
Additional SIMs	1:2,500	1958 - 1978	7
Ordnance Survey Plan	1:2,500	1964 - 1978	8
Supply of Unpublished Survey Information	1:2,500	1975	9
Large-Scale National Grid Data	1:2,500	1994	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment A18



Order Details

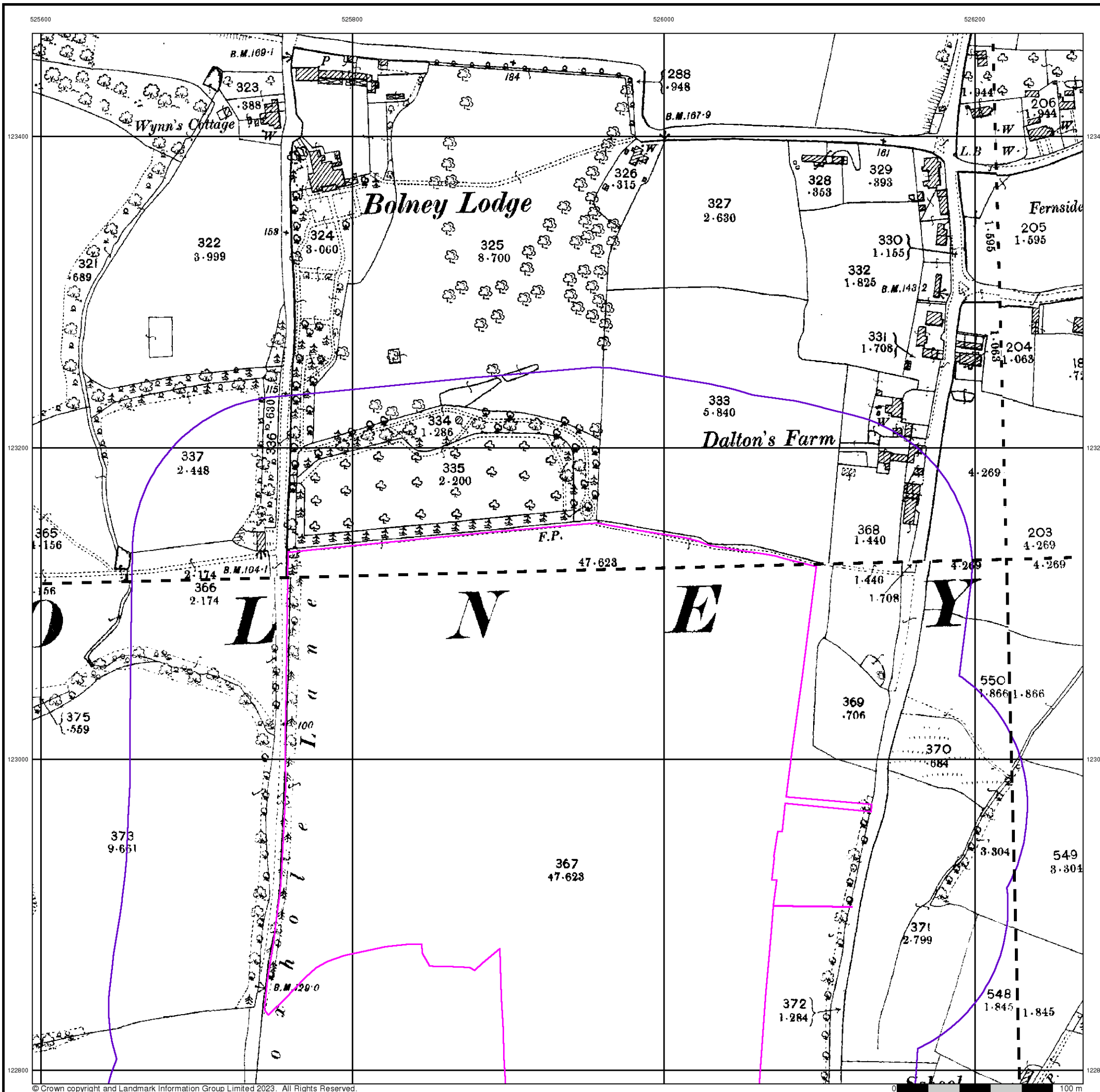
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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**Geo-Environmental
Sussex**

Published 1897

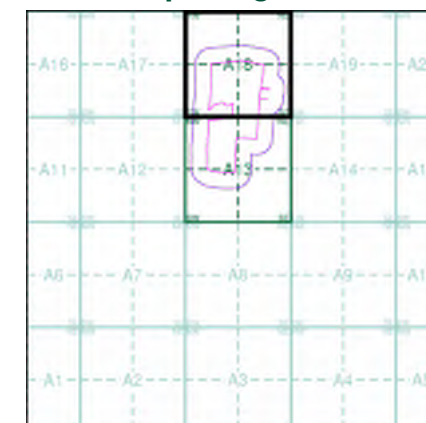
Source map scale - 1:2,500

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)

025_11 1897 1:2,500	025_12 1897 1:2,500
025_15 1897 1:2,500	025_16 1897 1:2,500

Historical Map - Segment A18



Order Details

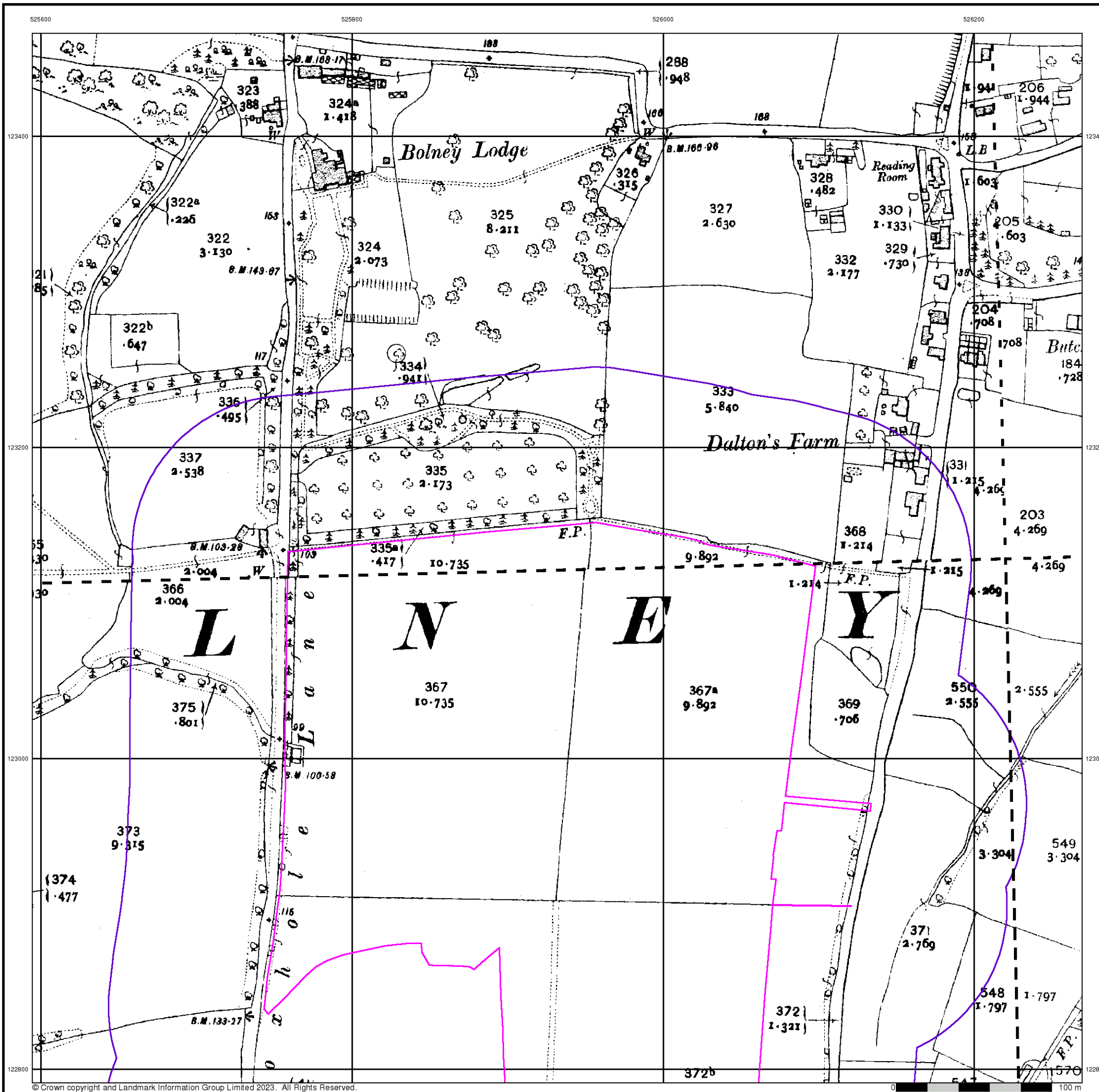
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



Geo-Environmental
Sussex

Published 1911 - 1912

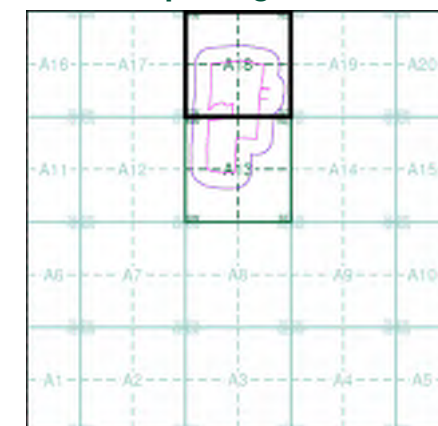
Source map scale - 1:2,500

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)

025_11 1911 1:2,500	025_12 1912 1:2,500
025_15 1911 1:2,500	025_16 1911 1:2,500

Historical Map - Segment A18



Order Details

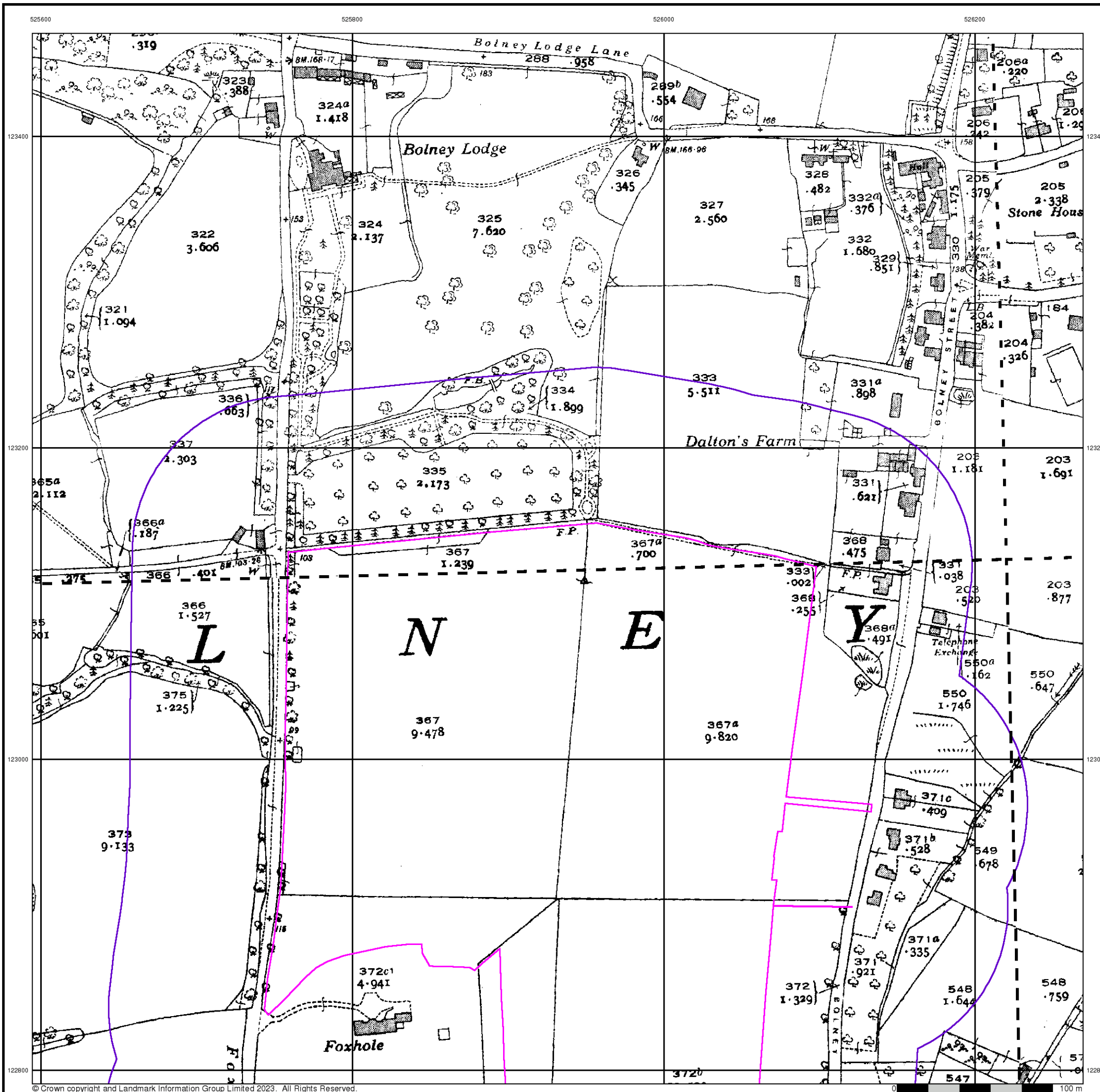
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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**Geo-Environmental
Sussex**

Published 1937 - 1938

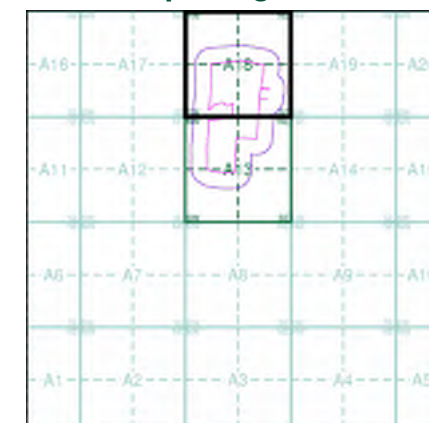
Source map scale - 1:2,500

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)

025_11 1938 1:2,500	025_12 1937 1:2,500
025_15 1938 1:2,500	025_16 1938 1:2,500

Historical Map - Segment A18



Order Details

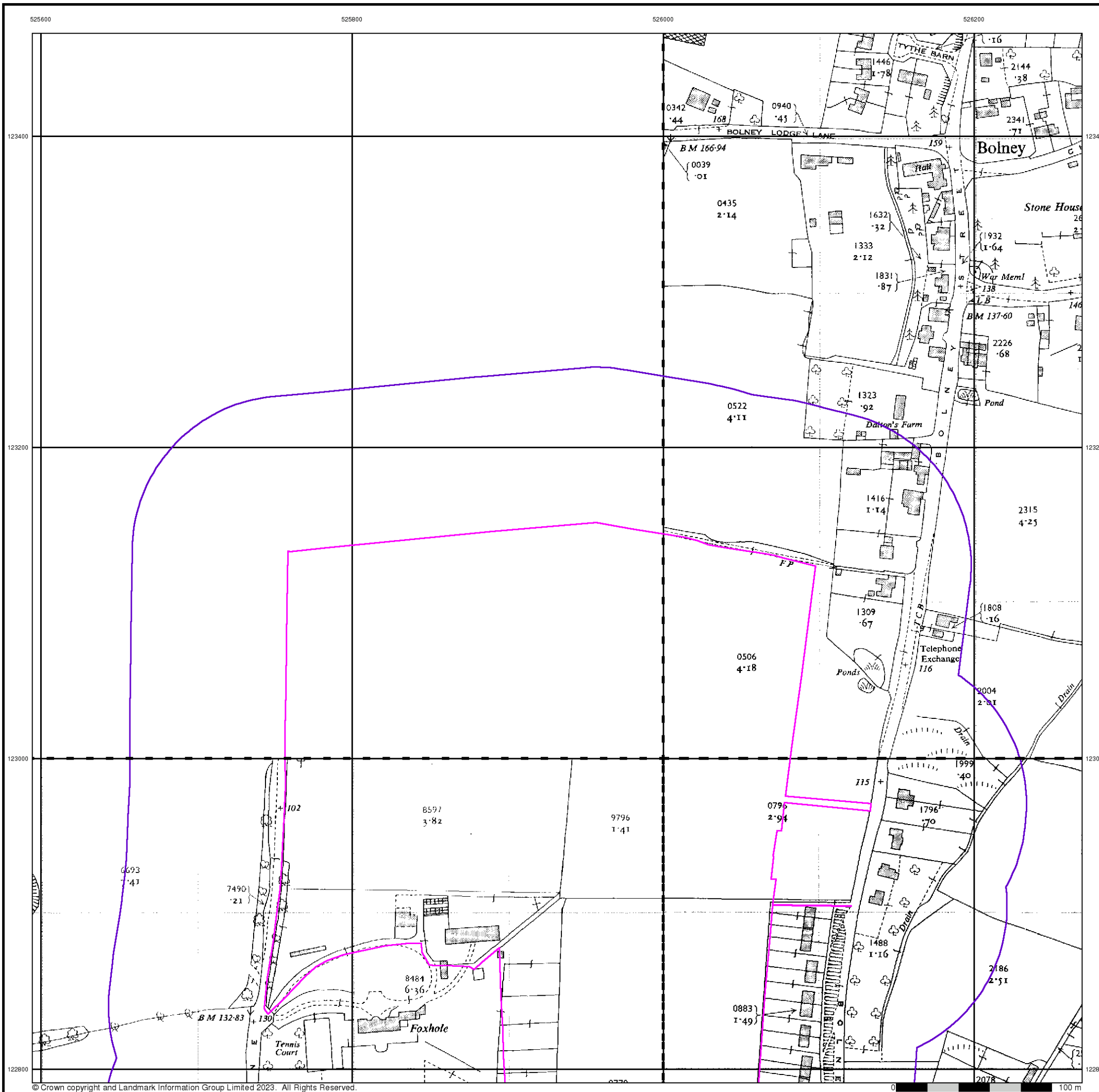
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

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Geo-Environmental Ordnance Survey Plan

Published 1956 - 1957

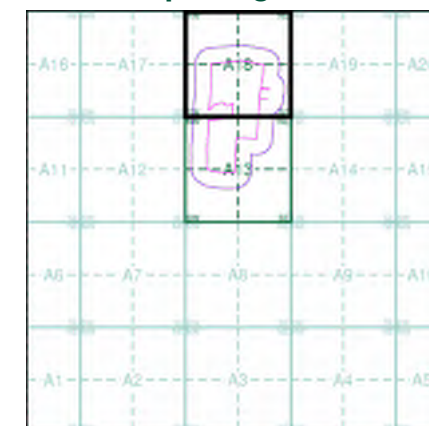
Source map scale - 1:2,500

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)

TQ2623	1956	1:2,500
TQ2522	1957	1:2,500
TQ2622	1956	1:2,500

Historical Map - Segment A18



Order Details

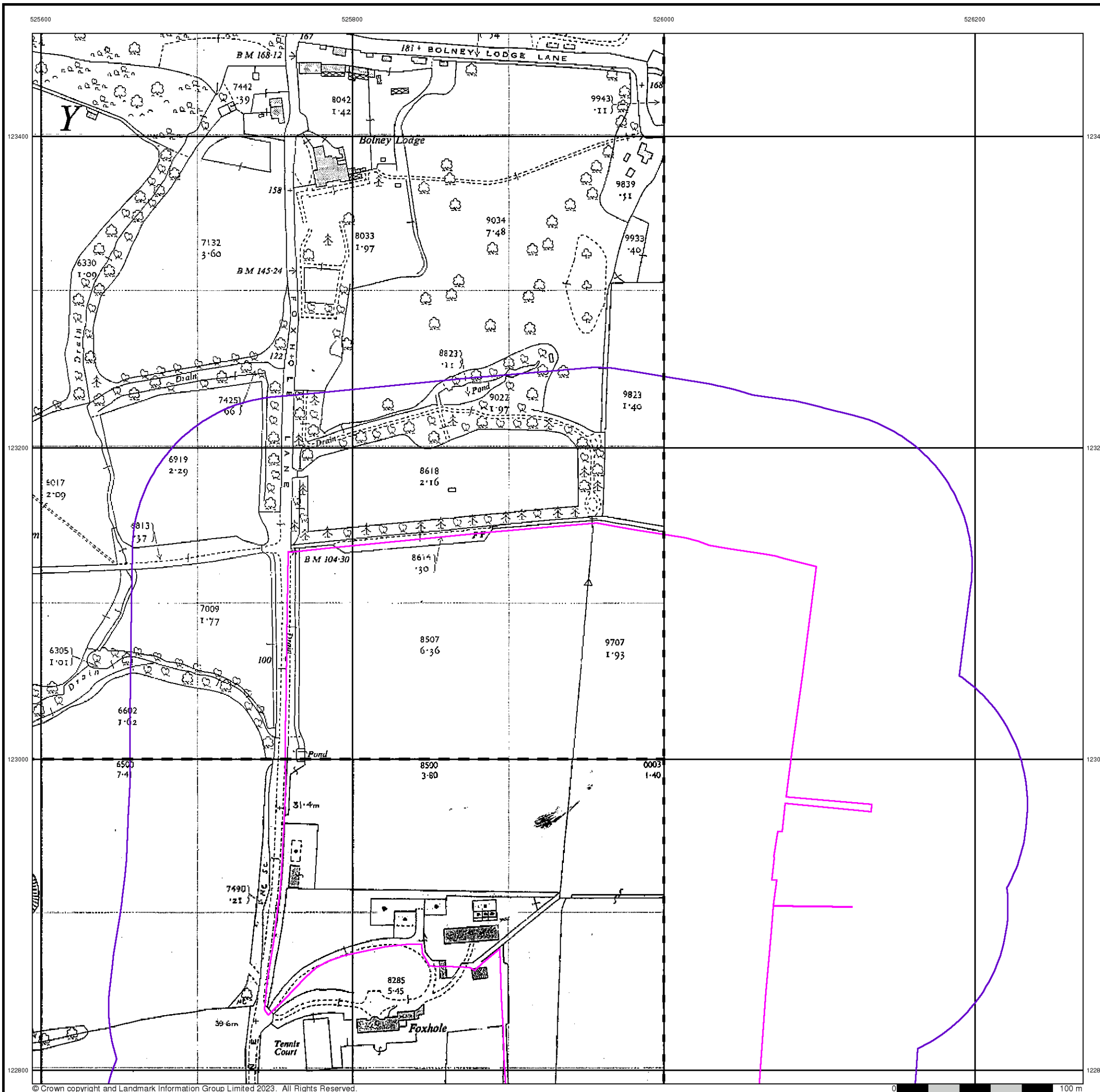
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

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Geo-Environmental Additional SIMs

Published 1958 - 1978

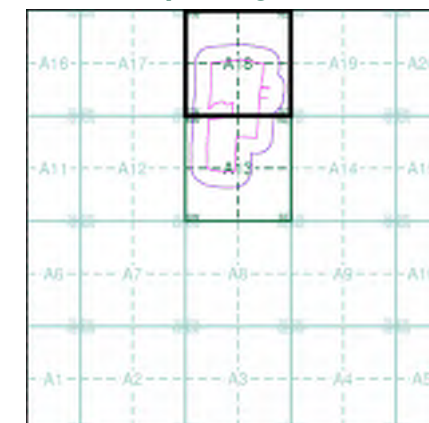
Source map scale - 1:2,500

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)

TQ2523	1958	1:2,500
TQ2522	1978	1:2,500

Historical Map - Segment A18



Order Details

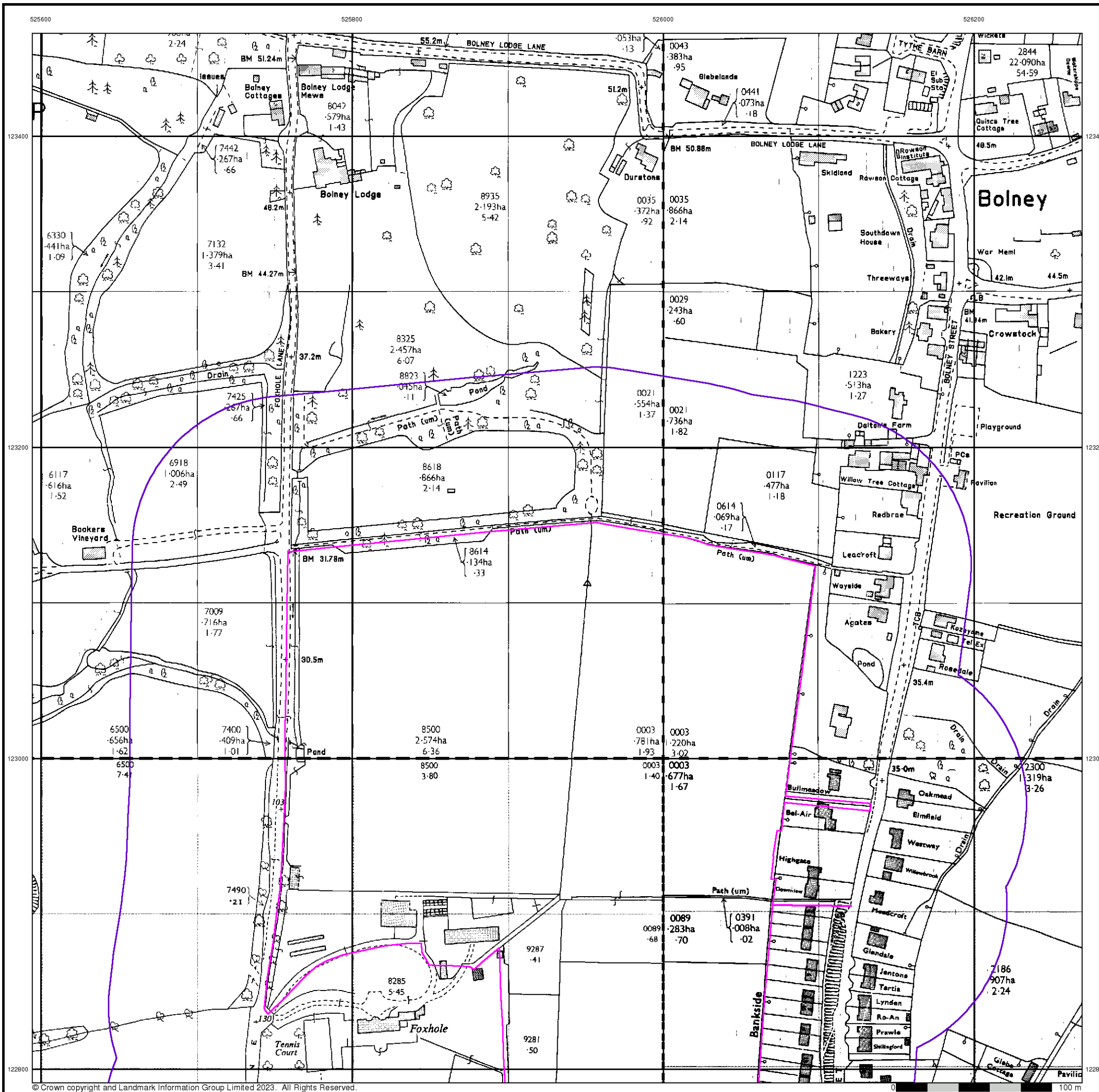
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525890, 122550
 Slice: A
 Site Area (Ha): 18.27
 Search Buffer (m): 100

Site Details

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Geo-Environmental Ordnance Survey Plan

Published 1964 - 1978

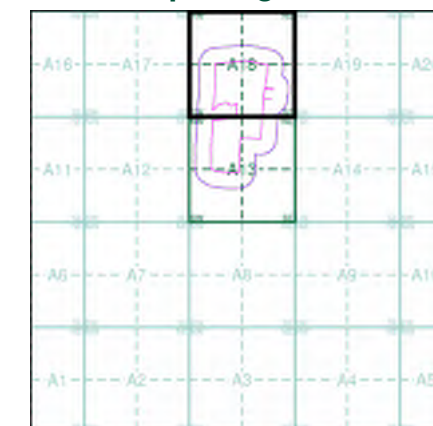
Source map scale - 1:2,500

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)

TQ2523 1978 12,500	TQ2623 1977 12,500
TQ2522 1964 12,500	TQ2622 1974 12,500

Historical Map - Segment A18



Order Details

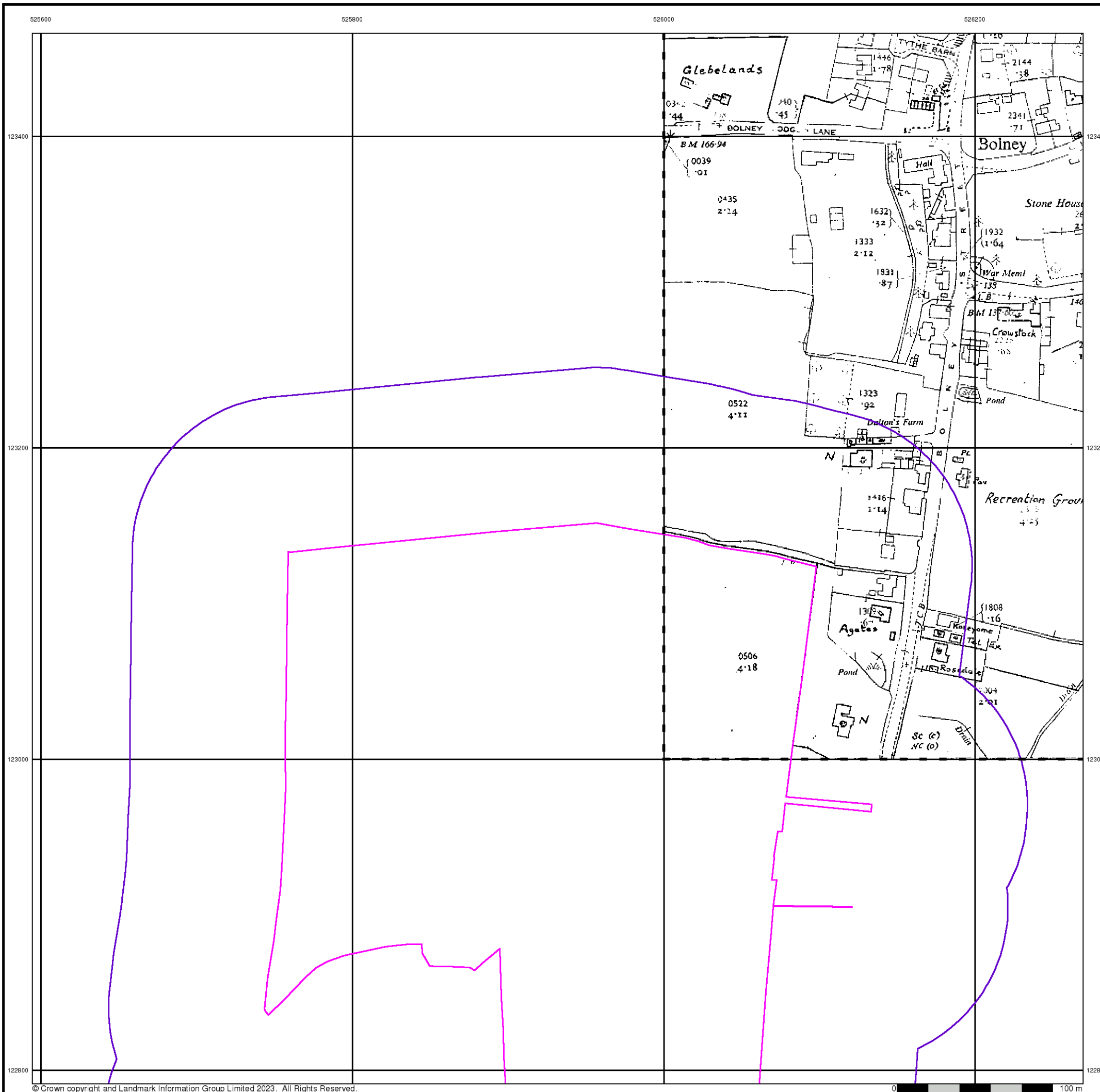
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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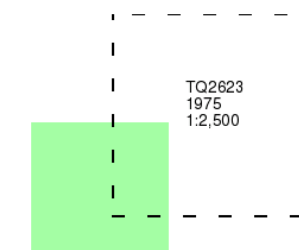
Geo-Environmental Supply of Unpublished Survey Information

Published 1975

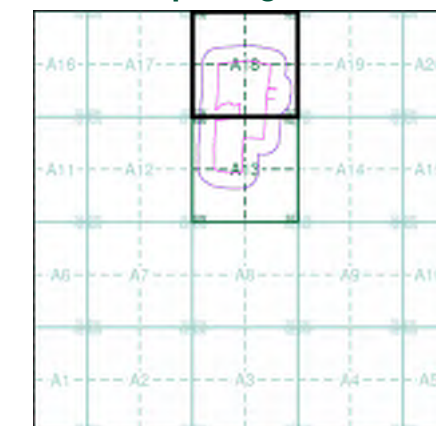
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan 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 A18



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

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525600

525800

526000

526200

122400

122400

122200

122200

122000

122000

121800

121800



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0 100 m

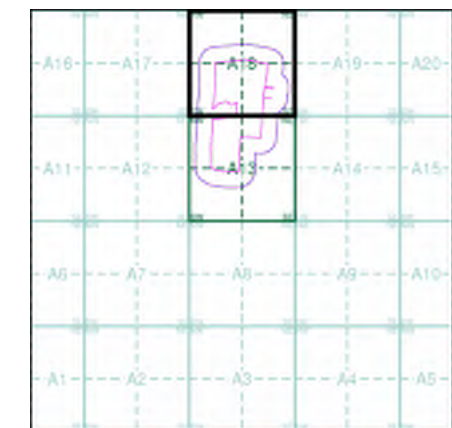


Geo-Environmental Historical Aerial Photography

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

Historical Aerial Photography - Segment A18



Order Details

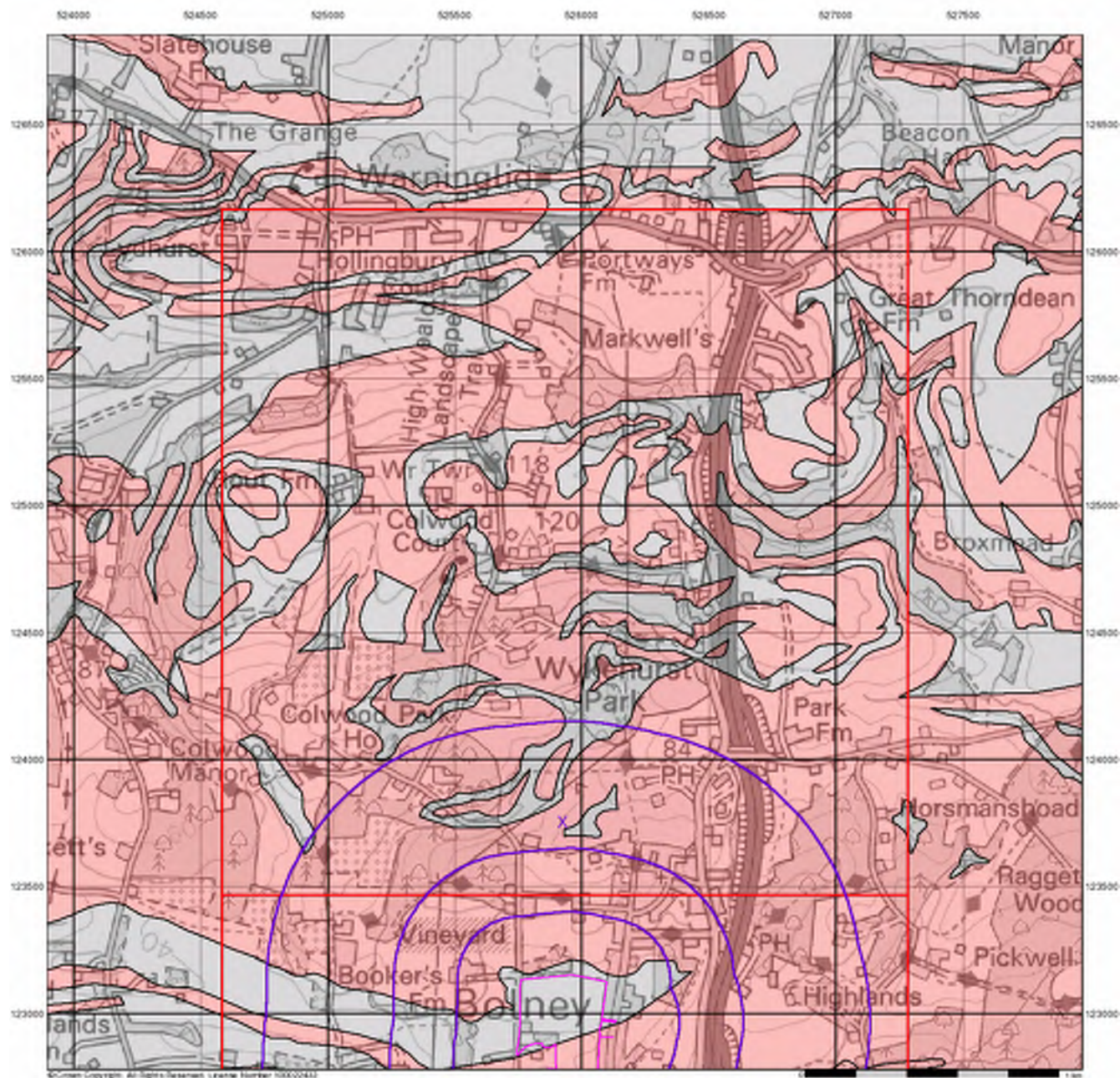
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525890, 122550
Slice: A
Site Area (Ha): 18.27
Search Buffer (m): 100

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Geo-Environmental Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

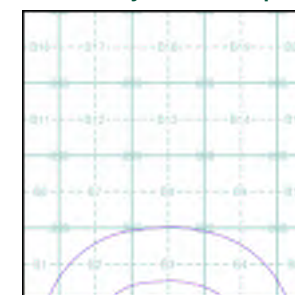
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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 B



Order Details

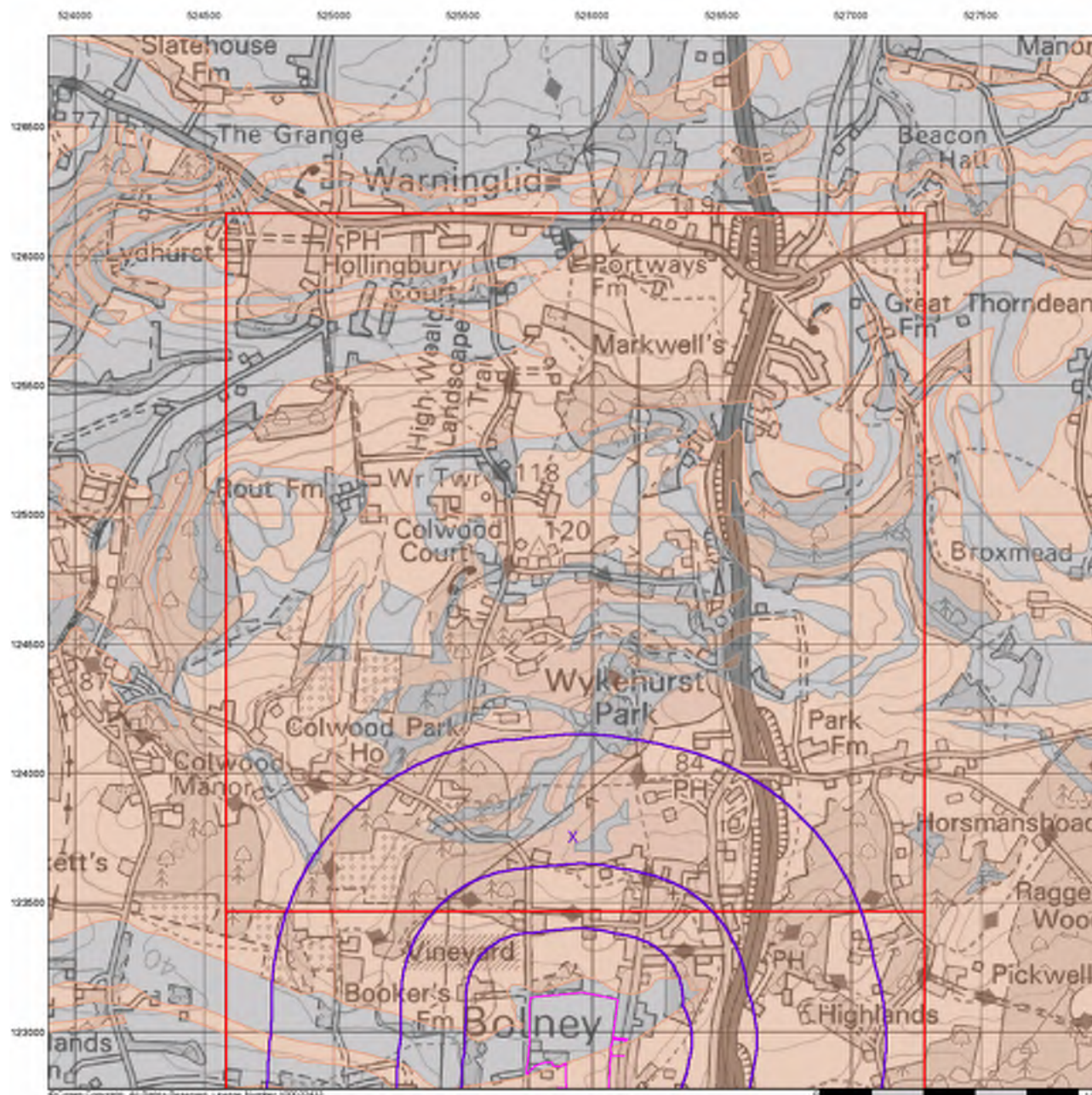
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Geo-Environmental Bedrock Aquifer Designation

General

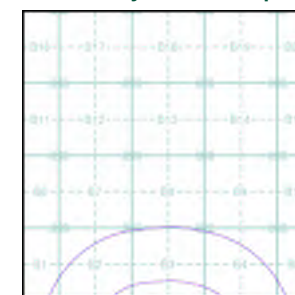
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

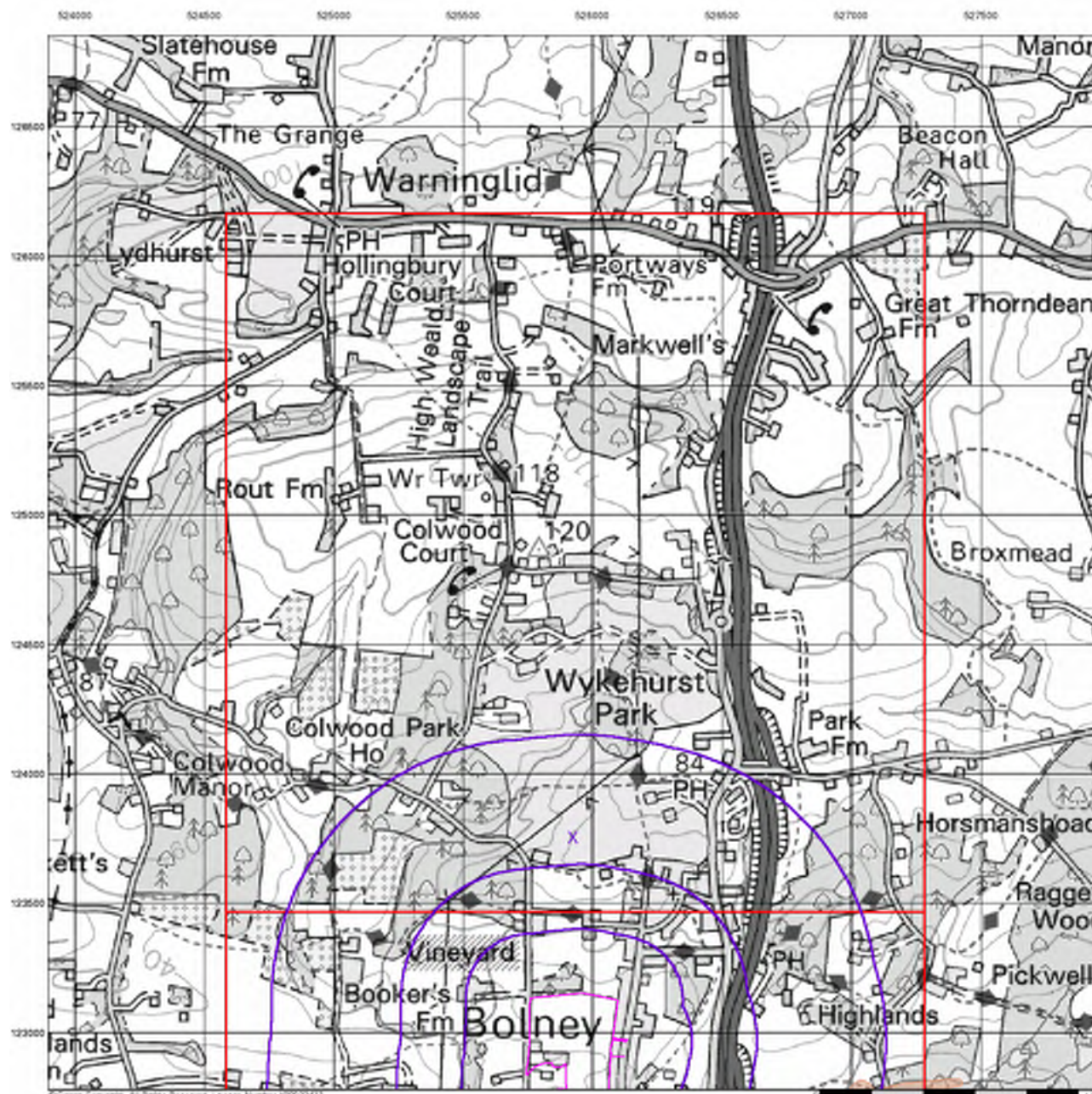
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Geo-Environmental Superficial Aquifer Designation

General

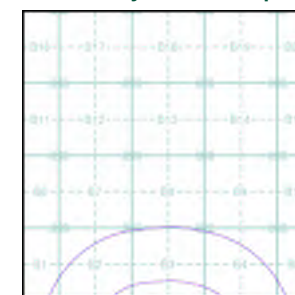
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

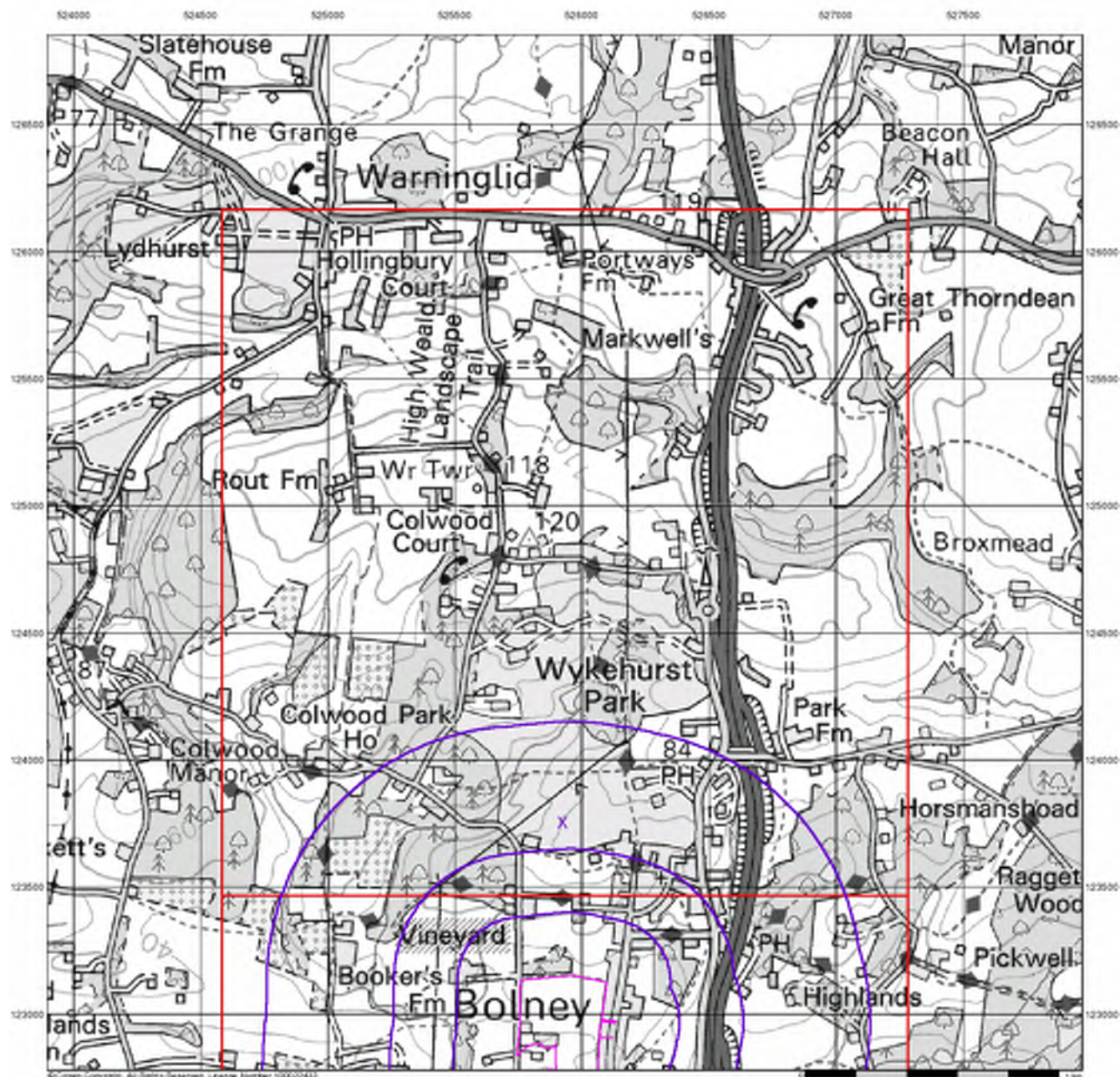
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 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

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Geo-Environmental Source Protection Zones

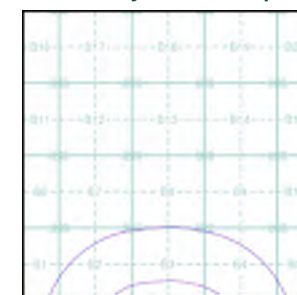
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- ▨ Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- ▨ Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- ▨ Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice B



Order Details

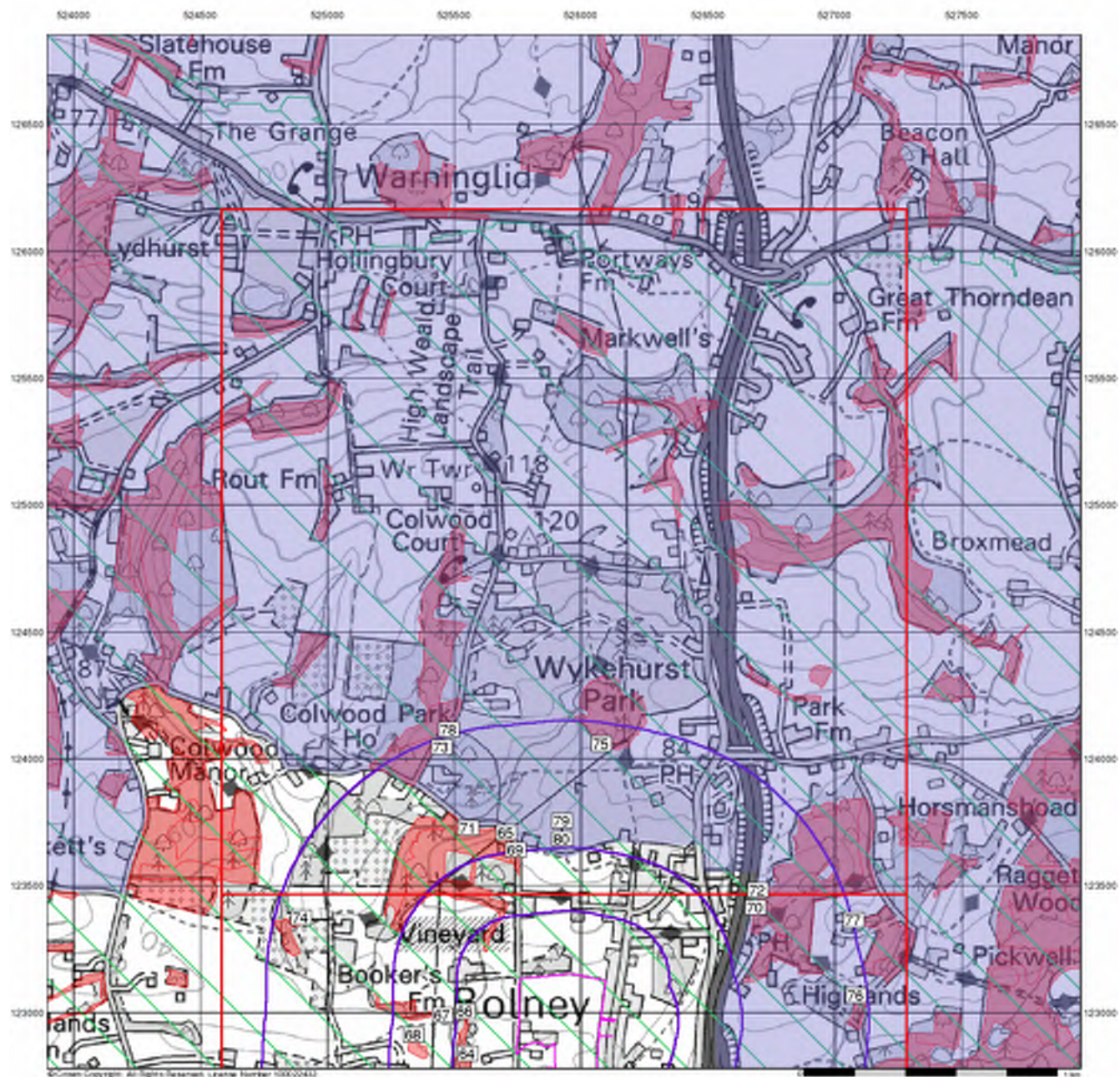
Order Number: 323927451_1_1
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 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

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Geo-Environmental Sensitive Land Uses

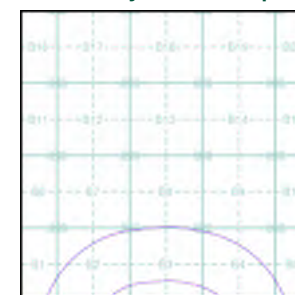
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice B



Order Details

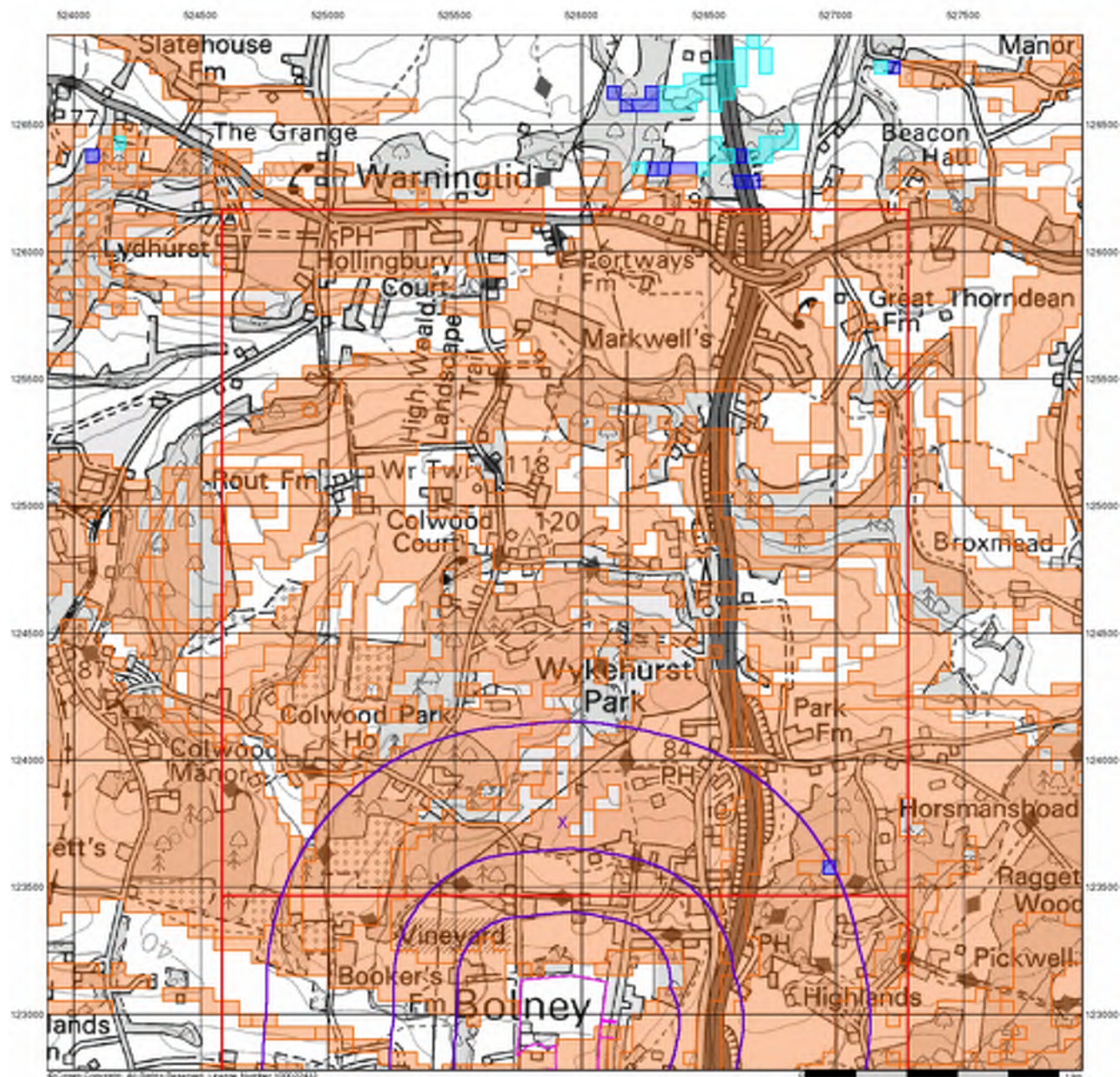
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Geo-Environmental

BGS Flood GFS Data

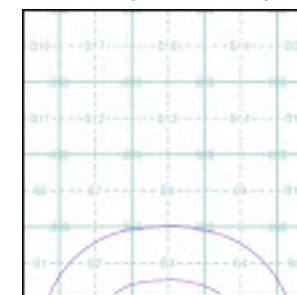
General

- 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 B



Order Details

Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

323927451_1_1

Customer Reference:

GE22035

National Grid Reference:

525920, 123750

Slice:

B

Site Area (Ha):

18.27

Search Buffer (m):

1000

Site Details:

Foxhole, Foxhole Lane

Bolney

HAYWARDS HEATH

RH17 5NB

Client Details:

Mr A Potter

Geo Environmental Services Ltd

Unit 7 Danworth Farm

Cuckfield Road

Hurstpierpoint

West Sussex

BN6 9GL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	12
Industrial Land Use	14
Sensitive Land Use	15
Data Currency	17
Data Suppliers	23
Useful Contacts	24

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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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				3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2			Yes	
Pollution Incidents to Controlled Waters	pg 2				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 5		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 5			5	45

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 11				1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 12	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 12	Yes			
BGS Recorded Mineral Sites	pg 12			1	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					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 14				3
Fuel Station Entries					
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					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 15		3	3	9
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 16			1	
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 16	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B4SW (E)	0	1	526550 123754
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	526050 122950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	8	1	525650 123300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B3SW (W)	9	1	525924 123754
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	13	1	525800 123200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	16	1	526100 123250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	121	1	526250 123050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	156	1	525600 123000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	181	1	525550 122800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	281	1	525350 122850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B4SE (E)	417	1	526650 123550
1	Discharge Consents Operator: Mr M Purcell Property Type: Undefined Or Other Location: Oakview Farm, Cross Colwood Lane, Bolney, Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P04664 Permit Version: 1 Effective Date: 11th January 1993 Issued Date: 11th January 1993 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	B3SW (W)	583	2	525780 123720
2	Discharge Consents Operator: Mr D Harvey Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hunters View, Cross Colwood Lane, Bolney, Haywards Heath, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P10078 Permit Version: 1 Effective Date: 16th January 2002 Issued Date: 16th January 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company 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	B2SE (W)	736	2	525390 123770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Mr James Rogers Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Tudor House, Cross Colwood Lane, Bolney, West Sussex, Rh17 5ry Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Eprcp3325xp Permit Version: 1 Effective Date: 8th July 2010 Issued Date: 8th July 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Adur Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B2NE (W)	827	2	525333 123842
	Nearest Surface Water Feature	(SW)	422	-	525488 123456
4	Pollution Incidents to Controlled Waters Property Type: Road Location: Autologic Ltd, BOLNEY Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: Road Traffic Accident - Spillage Of Petrol/Diesel Incident Date: 22nd June 1992 Incident Reference: 406 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	B4SW (SE)	551	2	526500 123500
	Water Abstractions Operator: Mr A W Lee Licence Number: 10/41/323101 Permit Version: 101 Location: Trib Cowfold Stream (B) Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 291 Yearly Rate (m3): 6818 Details: Stonerocks Farm, See Licence Map Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B6SE (W)	1497	2	524740 124230
	Water Abstractions Operator: Mr A W Lee Licence Number: 10/41/323101 Permit Version: 101 Location: Trib Cowfold Stream (D) Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stonerocks Farm, See Licence Map Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B1NE (W)	1508	2	524610 124110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A W Lee Licence Number: 10/41/323101 Permit Version: 101 Location: Trib Cowfold Stream (C) Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stonerocks Farm, See Licence Map Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B1NW (W)	1590	2	524520 124130
	Water Abstractions Operator: Mr A W Lee Licence Number: 10/41/323101 Permit Version: 101 Location: Trib Cowfold Stream (A) Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stonerocks Farm, See Licence Map Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B6SW (W)	1836	2	524350 124310
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	526000 122912
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	526214 123000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	525960 123208
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	526000 123206
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	525924 123000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	526000 123000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B3SW (W)	0	3	525924 123754
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(S)	0	3	525960 123208
	Superficial Aquifer Designations No Data Available				

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: Fluvial Models Boundary Accuracy: As Supplied	(SW)	206	2	525470 123055
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	(SW)	264	4	525689 123387
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SE (SE)	271	4	526194 123560
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4SW (SE)	431	4	526367 123520
8	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SE (SE)	447	4	526196 123571
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SE (SE)	459	4	526195 123590
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 445.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	548	4	525345 123728
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 361.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	561	4	525295 123658

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SW (W)	567	4	525824 123746
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 335.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4SE (E)	580	4	526619 123534
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SW (W)	627	4	525700 123797
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SW (W)	635	4	525811 123776
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	637	4	525557 123738
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	637	4	525546 123733
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3SW (W)	639	4	525808 123780
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (W)	659	4	525771 123812
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4SW (E)	664	4	526601 123724

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 169.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (NW)	668	4	525746 123877
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (N)	675	4	525906 123856
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	680	4	525458 123742
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	680	4	525496 123803
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (N)	707	4	525911 123856
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (N)	707	4	525917 123857
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	719	4	525355 123728
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	719	4	525357 123730
29	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	720	4	525496 123803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SE (W)	725	4	525345 123728
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (W)	726	4	525516 123877
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (W)	783	4	525516 123877
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (W)	786	4	525523 123894
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (NW)	793	4	525762 123930
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (W)	797	4	525528 123908
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 271.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (NW)	798	4	525764 123935
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	(E)	859	4	526889 123458
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4NE (E)	861	4	526623 123837

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (NW)	897	4	525603 124016
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (NW)	900	4	525573 124016
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (NW)	902	4	525575 124016
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2NE (NW)	909	4	525561 124020
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4SE (E)	921	4	526937 123504
44	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 95.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B5SW (E)	936	4	526947 123517
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (N)	938	4	525923 124089
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B3NW (N)	938	4	525923 124089
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	B1SE (W)	946	4	524884 123550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B2SW (W)	948	4	524954 123678
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4NE (E)	958	4	526608 123934
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4NE (E)	958	4	526610 123933
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	B4NW (E)	958	4	526592 123957
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	B2SW (W)	963	4	524925 123672
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cook's Gill Catchment Name: Adur and Teville Primacy: 1	B2SW (W)	974	4	524957 123690
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rout Gill Catchment Name: Adur and Teville Primacy: 1	B2SW (W)	998	4	524924 123679

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Mid Sussex District Council - Has supplied landfill data		0	5	525924 123754
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	525924 123754
55	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1994	B3SW (W)	669	-	525642 123792



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Wealden Group	B3SW (W)	0	1	525924 123754
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B3SW (W)	0	1	525924 123754
56	BGS Recorded Mineral Sites Site Name: Nailard'S Wood Gravel Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152196 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Tunbridge Wells Sand Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	B3SW (SW)	467	1	525749 123601
57	BGS Recorded Mineral Sites Site Name: Tithe Copse Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152208 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Grinstead Clay Commodity: Mineral Positional Accuracy: Located by supplier to within 10m	B3SW (W)	660	1	525734 123793
58	BGS Recorded Mineral Sites Site Name: Tithe Copse Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152207 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Grinstead Clay Commodity: Mineral Positional Accuracy: Located by supplier to within 10m	B3NW (NW)	672	1	525821 123814
59	BGS Recorded Mineral Sites Site Name: Tithe Copse Pit Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152197 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Cuckfield Stone Bed Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	B3SW (W)	677	1	525611 123793



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	BGS Recorded Mineral Sites Site Name: High Wood Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152198 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Tunbridge Wells Sand Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	B2SW (W)	890	1	525059 123683
61	BGS Recorded Mineral Sites Site Name: Bolney Wood Location: Bolney, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152206 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Tunbridge Wells Sand Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	B4SE (E)	987	1	526894 123706
	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				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B3SW (W)	0	1	525924 123754
	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	B3SW (W)	0	1	525924 123754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Contemporary Trade Directory Entries Name: Cat I Ltd Location: 2, Mayfields, Top Street, Bolney, Haywards Heath, West Sussex, RH17 5PD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	B4SW (E)	553	-	526437 123559
63	Contemporary Trade Directory Entries Name: Aurora Ranch Location: London Road, Bolney, Haywards Heath, West Sussex, RH17 5RL Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	B4NW (E)	806	-	526476 123835
63	Contemporary Trade Directory Entries Name: Tarylen Enterprises Ltd Location: London Road, Bolney, Haywards Heath, West Sussex, RH17 5RL Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	B4NW (E)	806	-	526476 123835

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Ancient Woodland Name: Hanger Wood Reference: 1479417 Area(m ²): 11748.7 Type: Ancient and Semi-Natural Woodland	(S)	167	8	525552 122838
65	Ancient Woodland Name: Nailards Wood Reference: 1480632 Area(m ²): 88457.94 Type: Plantation on Ancient Woodland	B3SW (W)	171	8	525705 123708
66	Ancient Woodland Name: Hanger Woodn Reference: 1479418 Area(m ²): 2952.84 Type: Ancient and Semi-Natural Woodland	(SW)	201	8	525543 123004
67	Ancient Woodland Name: Bookers Shaw Reference: 1479318 Area(m ²): 8960.3 Type: Ancient and Semi-Natural Woodland	(SW)	296	8	525462 122990
68	Ancient Woodland Name: Westlands Shaw Reference: 1479644 Area(m ²): 4390.57 Type: Ancient and Semi-Natural Woodland	(SW)	350	8	525337 122912
69	Ancient Woodland Name: Nailards Wood Reference: 1479498 Area(m ²): 4755.23 Type: Ancient and Semi-Natural Woodland	B3SW (SW)	407	8	525740 123670
70	Ancient Woodland Name: Bolney Wood Reference: 1479313 Area(m ²): 84947.52 Type: Ancient and Semi-Natural Woodland	(SE)	528	8	526685 123414
71	Ancient Woodland Name: Nailards Wood Reference: 1479499 Area(m ²): 25984.36 Type: Ancient and Semi-Natural Woodland	B2SE (W)	549	8	525555 123726
72	Ancient Woodland Name: Bolney Wood Reference: 1480626 Area(m ²): 87795.11 Type: Plantation on Ancient Woodland	(E)	656	8	526695 123464
73	Ancient Woodland Name: Colwood Common Reference: 1479348 Area(m ²): 25572.98 Type: Plantation on Ancient Woodland	B2NE (NW)	871	8	525450 124084
74	Ancient Woodland Name: Oldmill Wood Reference: 1479517 Area(m ²): 8159.5 Type: Ancient and Semi-Natural Woodland	(W)	874	8	524894 123374
75	Ancient Woodland Name: Malthouse Wood Reference: 1479489 Area(m ²): 52629.55 Type: Ancient and Semi-Natural Woodland	B3NE (NE)	903	8	526078 124058
76	Ancient Woodland Name: Rowlands Shaw Reference: 1479560 Area(m ²): 5444.85 Type: Plantation on Ancient Woodland	(SE)	913	8	527082 123066
77	Ancient Woodland Name: Bolney Wood Reference: 1479311 Area(m ²): 28566.83 Type: Ancient and Semi-Natural Woodland	(E)	987	8	527075 123365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Ancient Woodland Name: Colwood Common Reference: 1479349 Area(m ²): 22613.31 Type: Plantation on Ancient Woodland	B2NE (NW)	1000	8	525479 124114
79	Areas of Outstanding Natural Beauty Name: High Weald Multiple Areas: Y Total Area (m2): 1461737820.6571908 Designation Date: 30th October 1983 Source: Natural England	B3SW (W)	401	8	525924 123754
80	Nitrate Vulnerable Zones Name: Adur East (Sakeham) Nvz Description: Surface Water Source: Environment Agency, Head Office	B3SW (W)	0	3	525924 123754

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Horsham District Council - Environmental Health Department Environment Agency - Head Office Mid Sussex District Council - Environmental Services Section	February 2015 June 2020 October 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	July 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	January 2023 January 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department	December 2020 June 2015	Variable Variable
Local Authority Pollution Prevention and Controls Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department	December 2020 June 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	June 2015 September 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2023	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances Environment Agency - Southern Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2023	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified



Agency & Hydrological	Version	Update Cycle
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	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	October 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	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 - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	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 Mid Sussex District Council Horsham District Council - Planning Department West Sussex County Council - Environment & Development	January 2016 July 2023 October 2006	Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department Mid Sussex District Council West Sussex County Council - Environment & Development	August 2015 January 2016 October 2006	Variable Variable Annual Rolling Update



Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	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	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2023	Quarterly
Points of Interest - Education and Health PointX	September 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2023	Quarterly
Points of Interest - Public Infrastructure PointX	September 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Horsham District Council - Planning Department Mid Sussex District Council	August 2023 August 2023	Quarterly Quarterly
Areas of Unadopted Green Belt Horsham District Council - Planning Department Mid Sussex District Council	August 2023 August 2023	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2023	Bi-Annually
Marine Nature Reserves Natural England	October 2023	Bi-Annually
National Nature Reserves Natural England	August 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2023	Bi-Annually
Special Areas of Conservation Natural England	October 2023	Bi-Annually
Special Protection Areas Natural England	October 2023	Bi-Annually

A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Mid Sussex District Council - Environmental Services Section The Oaklands, Oaklands Road, Haywards Heath, West Sussex, RH16 1SS	Telephone: 01444 458166 extn 2288 Fax: 01444 450027 Website: www.midsussex.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	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 Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Clay	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WC	Weald Clay Formation	Mudstone	Not Supplied - Hauterivian
	HST	Horsham Stone Member	Sandstone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Clay-Ironstone	Not Supplied - Hauterivian
	UTW	UPPER TUNBRIDGE WELLS SAND	Sandstone and Siltstone, Interbedded	Not Supplied - Valanginian
	UGRC	Upper Grinstead Clay	Mudstone	Not Supplied - Valanginian
	CKST	CUCKFIELD STONE BED	Sandstone, Calcareous	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Mudstone	Not Supplied - Valanginian
	LGRC	Lower Grinstead Clay	Mudstone	Not Supplied - Valanginian
	LTW	LOWER TUNBRIDGE WELLS SAND	Sandstone, Siltstone and Mudstone	Not Supplied - Valanginian
	ARS	ARDINGLY SANDSTONE MEMBER	Sandstone	Not Supplied - Valanginian
	WDC	Wadhurst Clay Formation	Mudstone	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Sandstone and Mudstone	Not Supplied - Valanginian
		Faults		



Geo-Environmental

Geology 1:50,000 Maps

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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	302
Map Name:	Horsham
Map Date:	1972
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice B

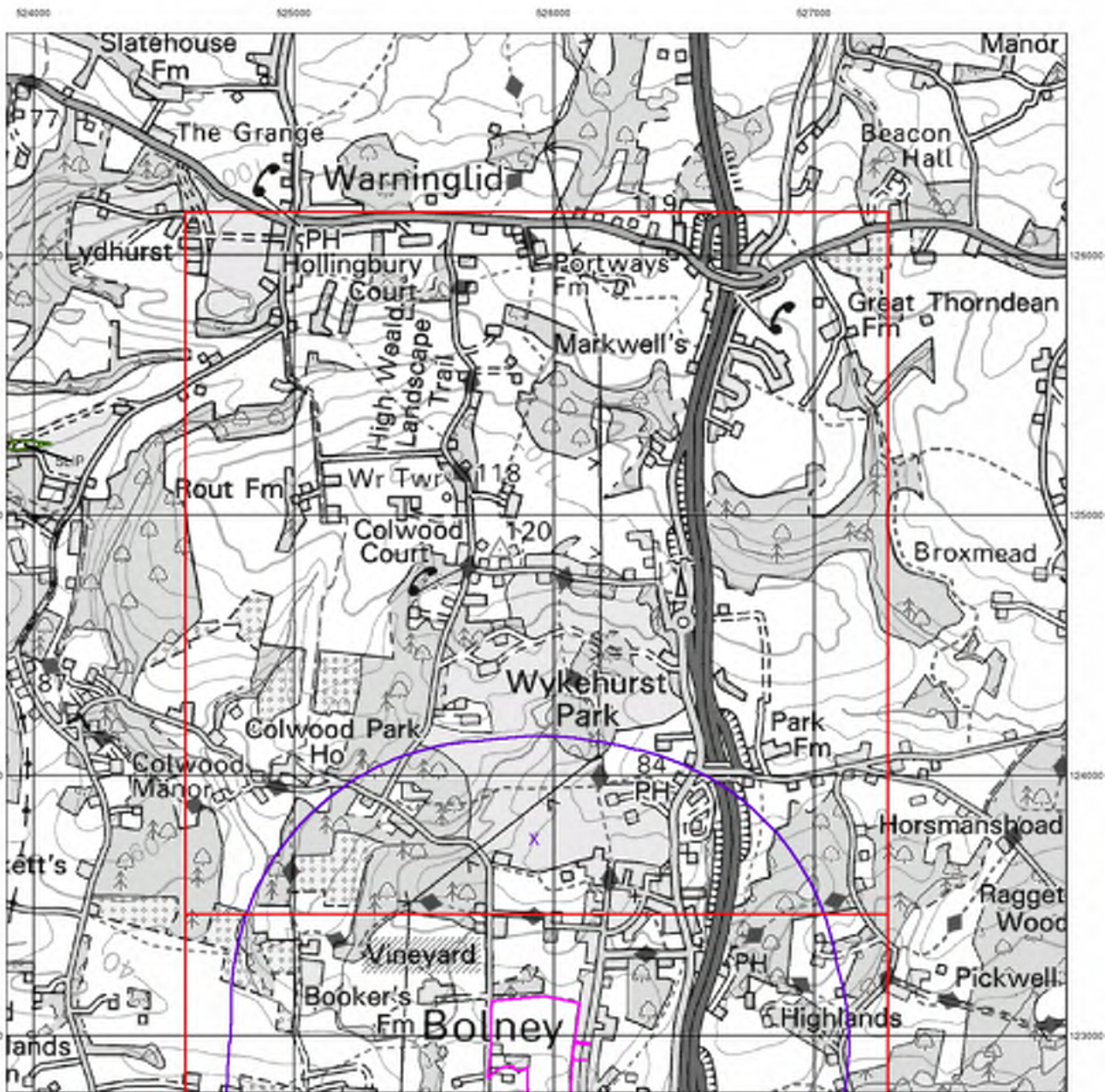


Order Details:

Order Number:	323927451_1_1
Customer Reference:	GE22035
National Grid Reference:	525920, 123750
Slice:	B
Site Area (Ha):	18.27
Search Buffer (m):	1000

Site Details:

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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Geo-Environmental

Artificial Ground and Landslip

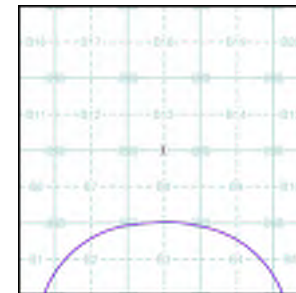
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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 (landslip) 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 foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice B



Order Details:

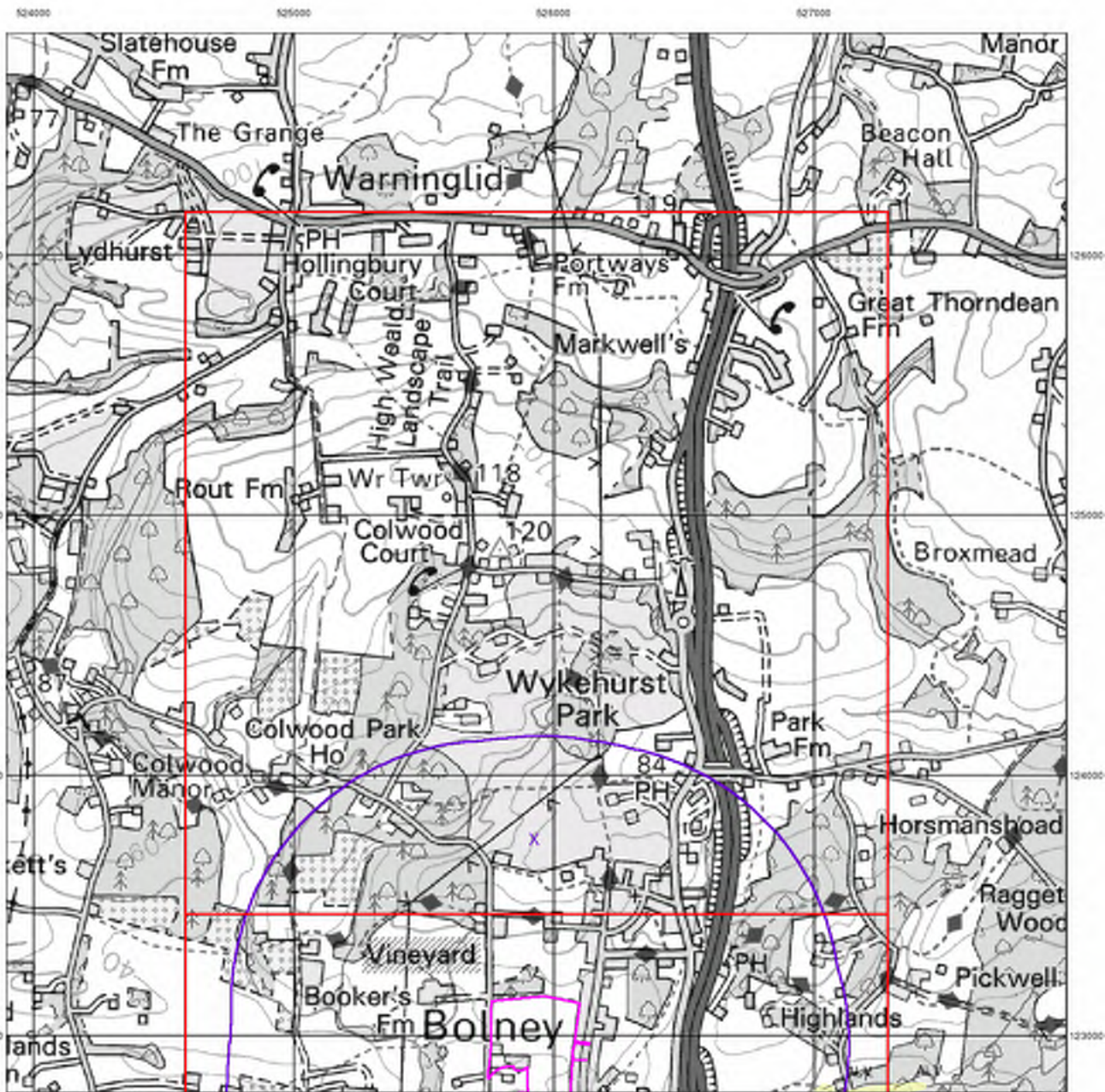
Order Number: 323927451_1_1
 Customer Reference: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details:

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
 INFORMATION GROUP

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



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Geo-Environmental

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 B



Order Details:

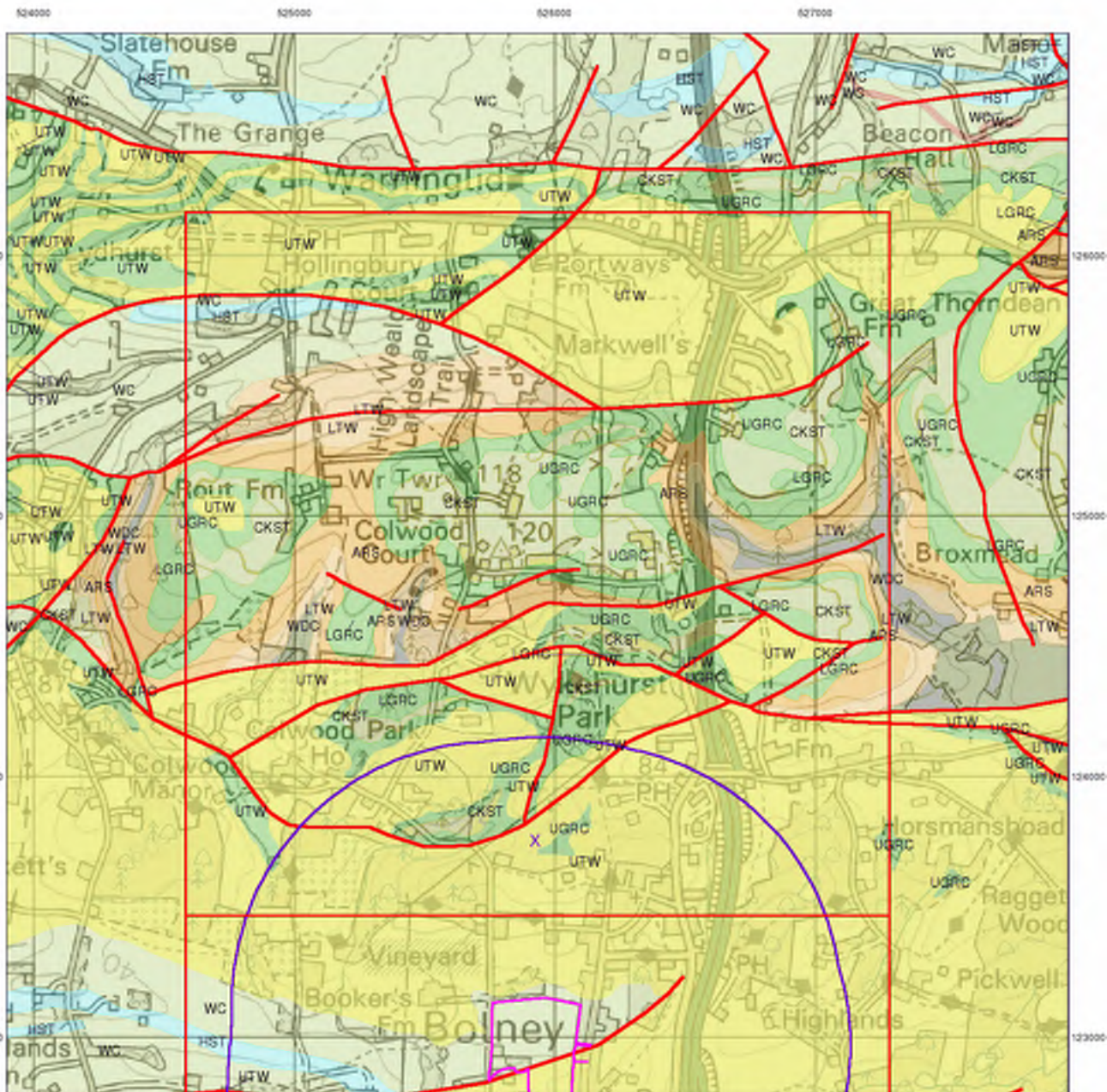
Order Number: 323927451_1_1
 Customer Reference: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details:

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Tel: 0844 844 9952
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Geo-Environmental

Bedrock and Faults

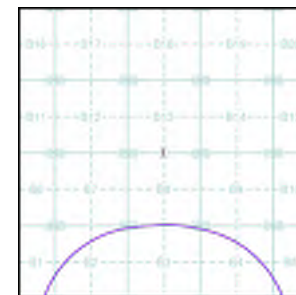
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 B



Order Details:

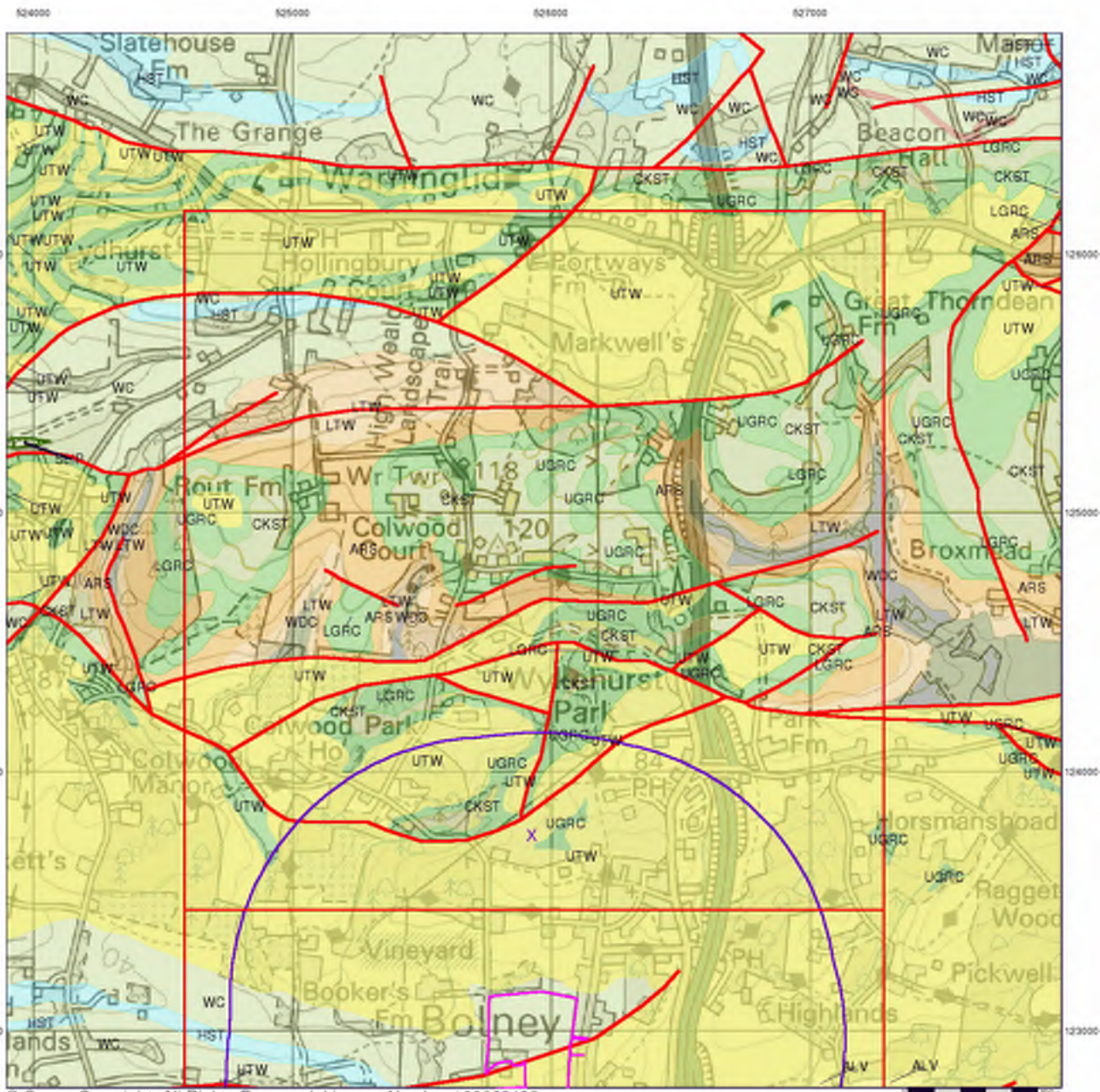
Order Number: 323927451_1_1
Customer Reference: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details:

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

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Web: www.envirocheck.co.uk



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Geo-Environmental

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.

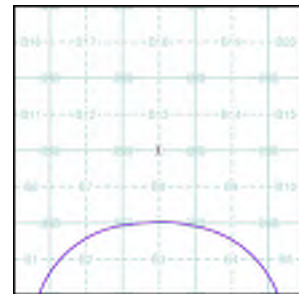
Additional Information

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
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NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice B



Order Details:

Order Number: 323927451_1_1
Customer Reference: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details:

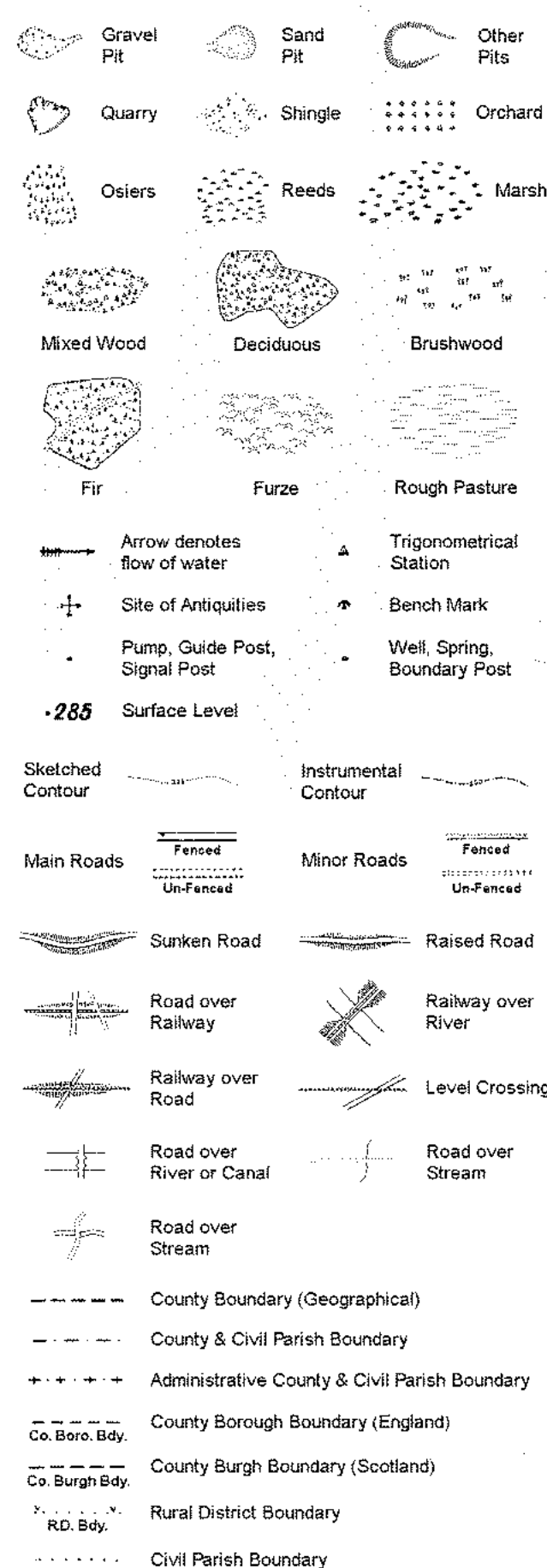
Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

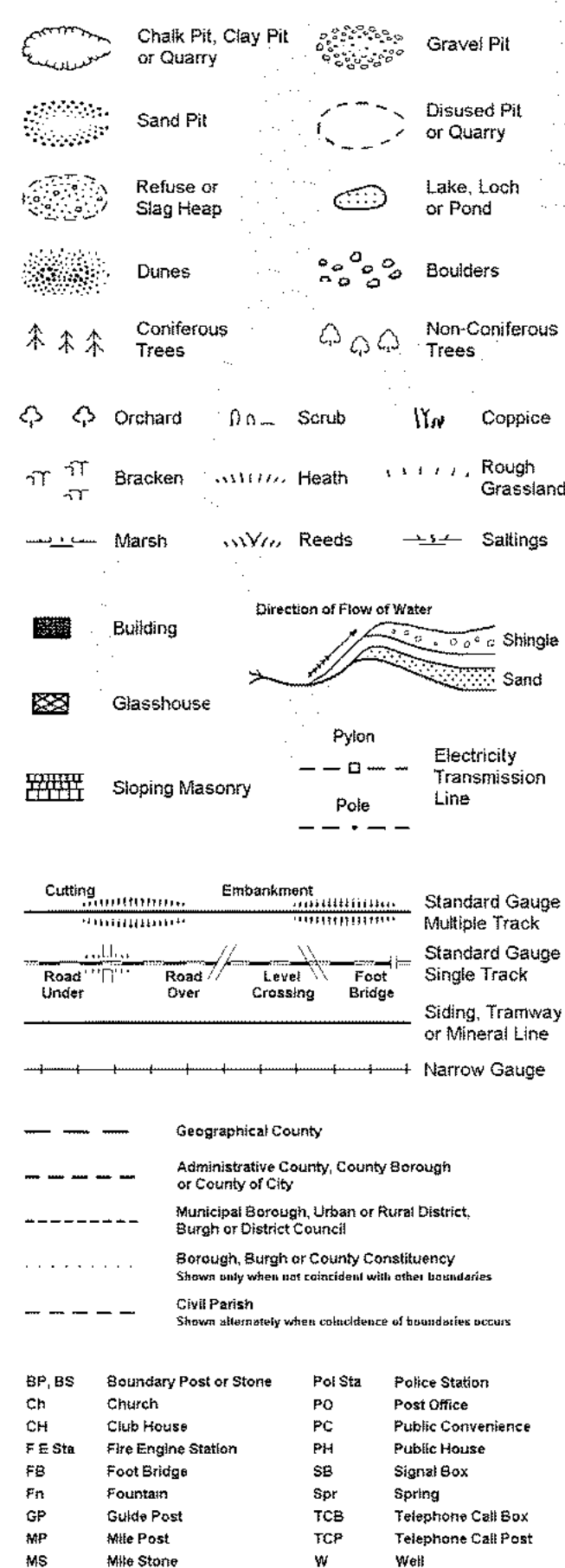
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

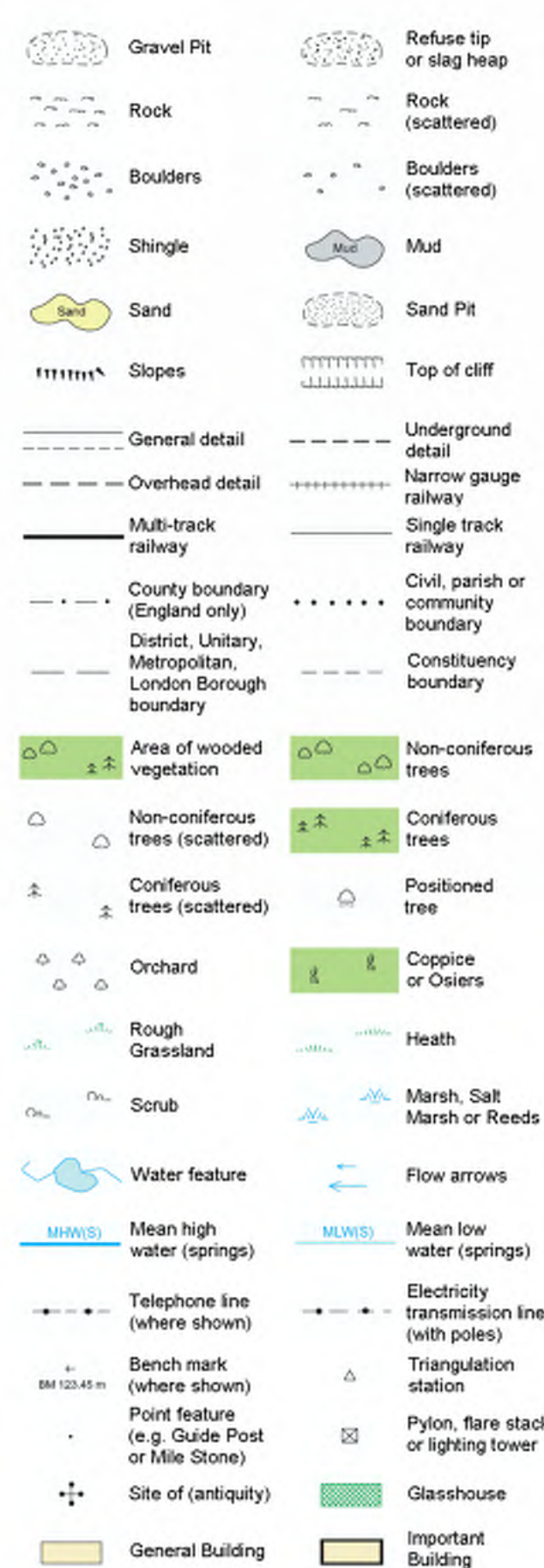
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



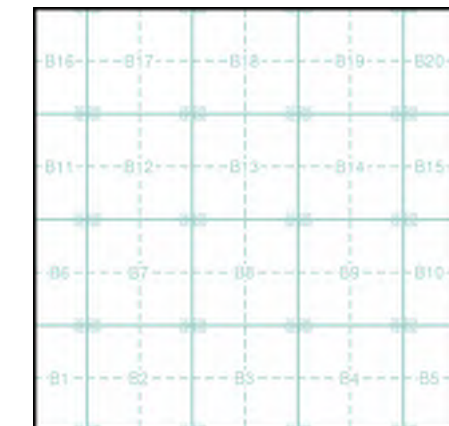
1:10,000 Raster Mapping



Geo-Environmental Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1912 - 1913	4
Sussex	1:10,560	1913	5
Historical Aerial Photography	1:10,560	1947 - 1950	6
Sussex	1:10,560	1952	7
Ordnance Survey Plan	1:10,000	1962 - 1963	8
Ordnance Survey Plan	1:10,000	1977	9
Ordnance Survey Plan	1:10,000	1980	10
Ordnance Survey Plan	1:10,000	1994	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2023	14

Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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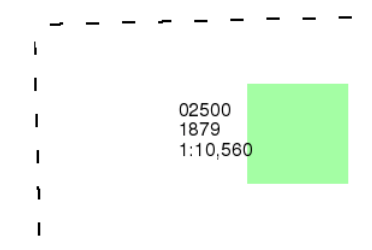


Published 1879

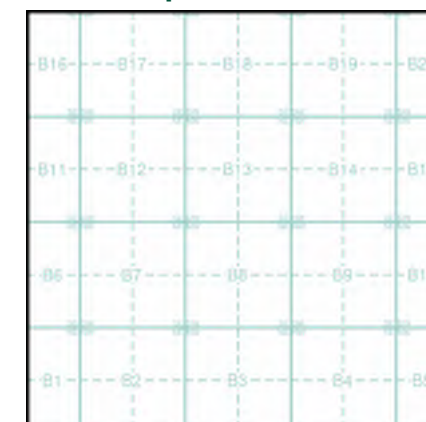
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number:	323927451_1_1
Customer Ref:	GE22035
National Grid Reference:	525920, 123750
Slice:	B
Site Area (Ha):	18.27
Search Buffer (m):	1000

Site Details

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**Geo-Environmental
Sussex**

Published 1899

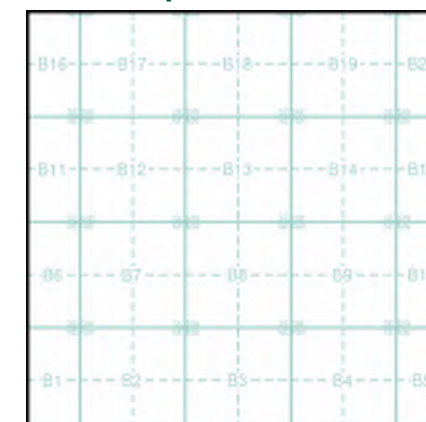
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

025NE
1899
1:10,560
025SE
1899
1:10,560

Historical Map - Slice B



Order Details

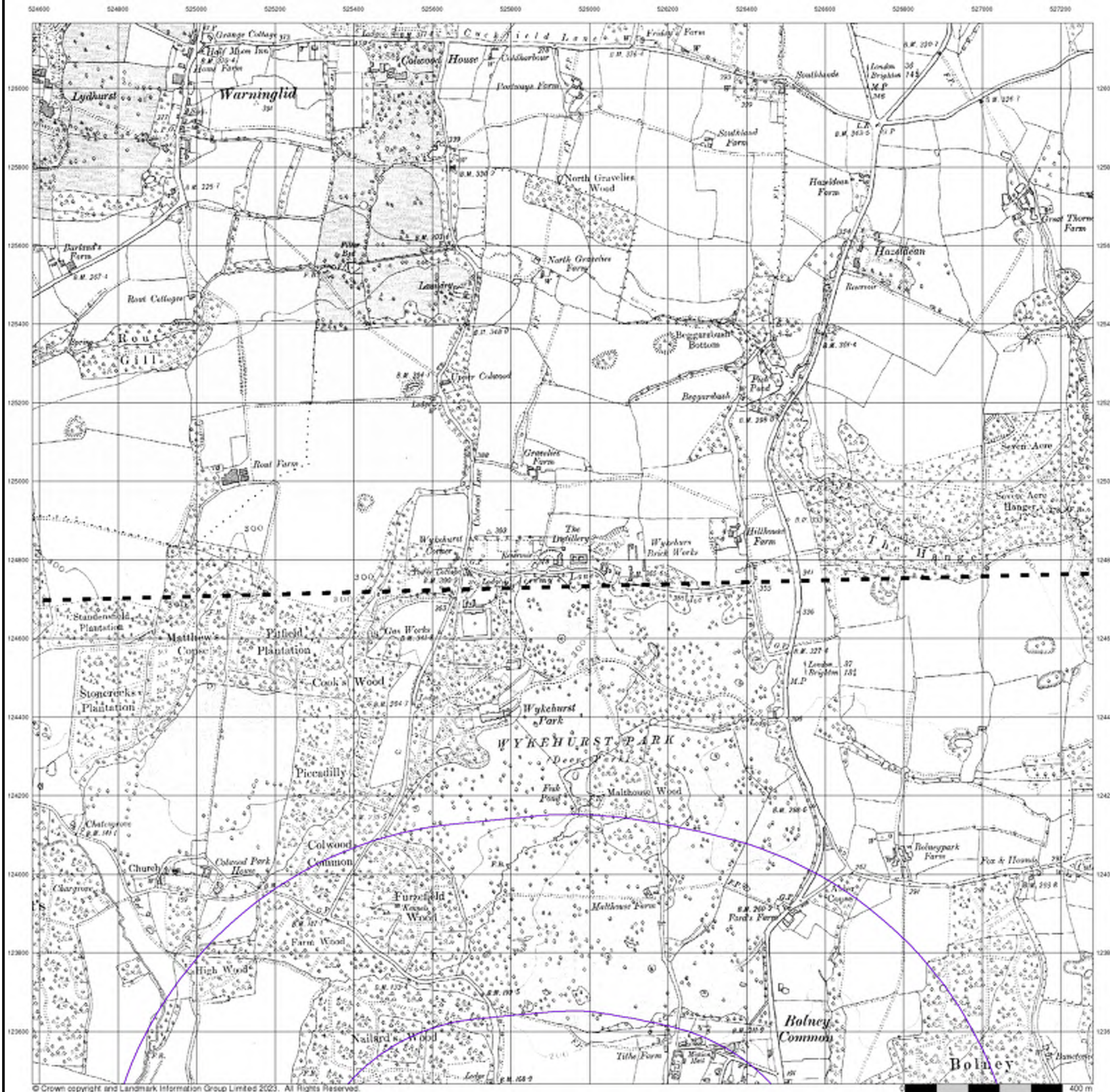
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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**Geo-Environmental
Sussex**

Published 1912 - 1913

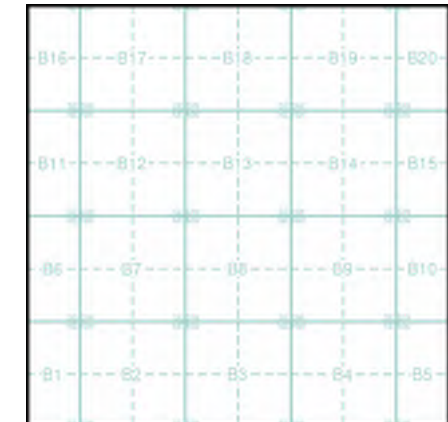
Source map scale - 1:10,560

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)

025NE	1913
1:10,560	
025SE	1912
1:10,560	

Historical Map - Slice B



Order Details

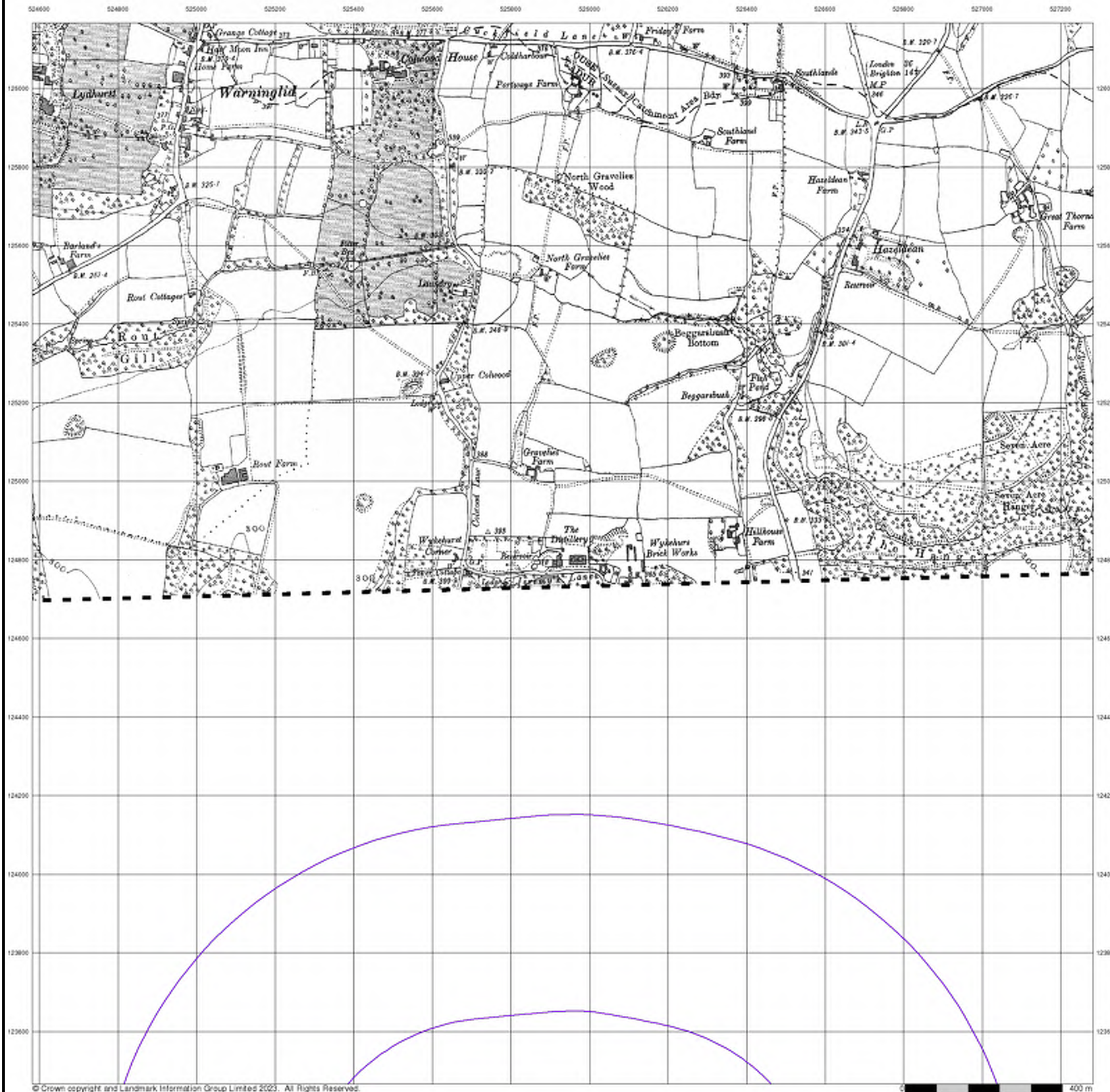
Order Number: 323927451_1_1
 Customer Ref: GE22035
 National Grid Reference: 525920, 123750
 Slice: B
 Site Area (Ha): 18.27
 Search Buffer (m): 1000

Site Details

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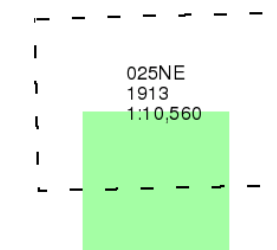
**Geo-Environmental
Sussex**

Published 1913

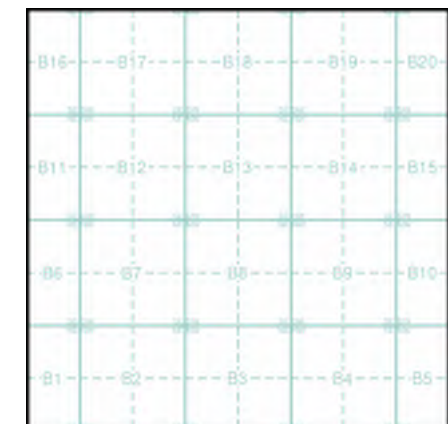
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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**Geo-Environmental
Historical Aerial Photography**

Published 1947 - 1950

Source map scale - 1:10,560

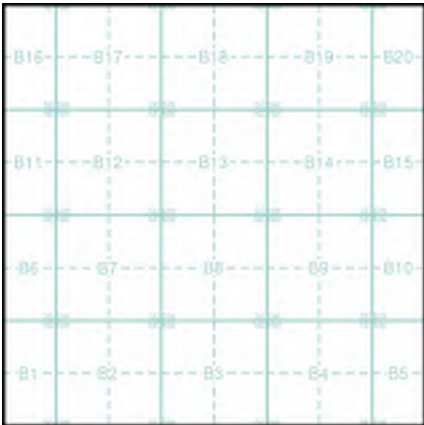
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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)

TQ22NW 1947 1:10,560	TQ22NE 1950 1:10,560
TQ22SW 1947 1:10,560	TQ22SE 1947 1:10,560

Historical Aerial Photography - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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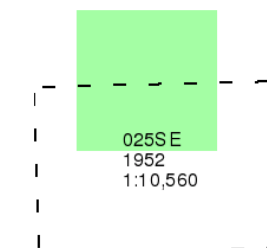
**Geo-Environmental
Sussex**

Published 1952

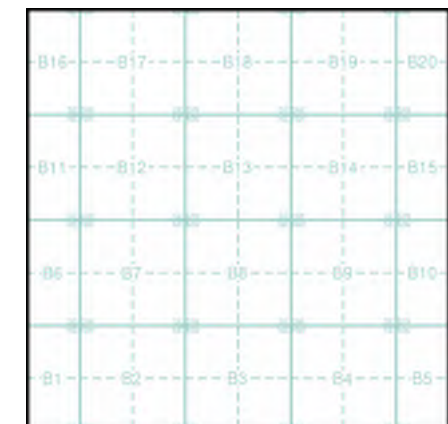
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Geo-Environmental Ordnance Survey Plan

Published 1962 - 1963

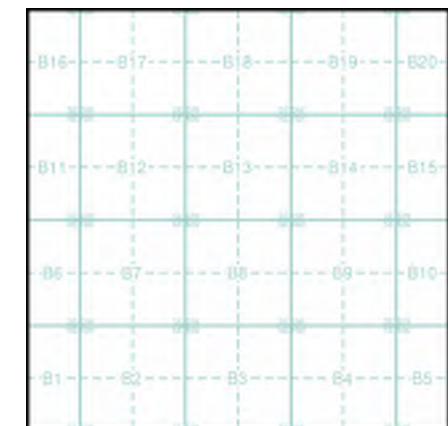
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TQ22NW	TQ22NE
1962	1962
1:10,560	1:10,560
TQ22SW	TQ22SE
1962	1963
1:10,560	1:10,560

Historical Map - Slice B



Order Details

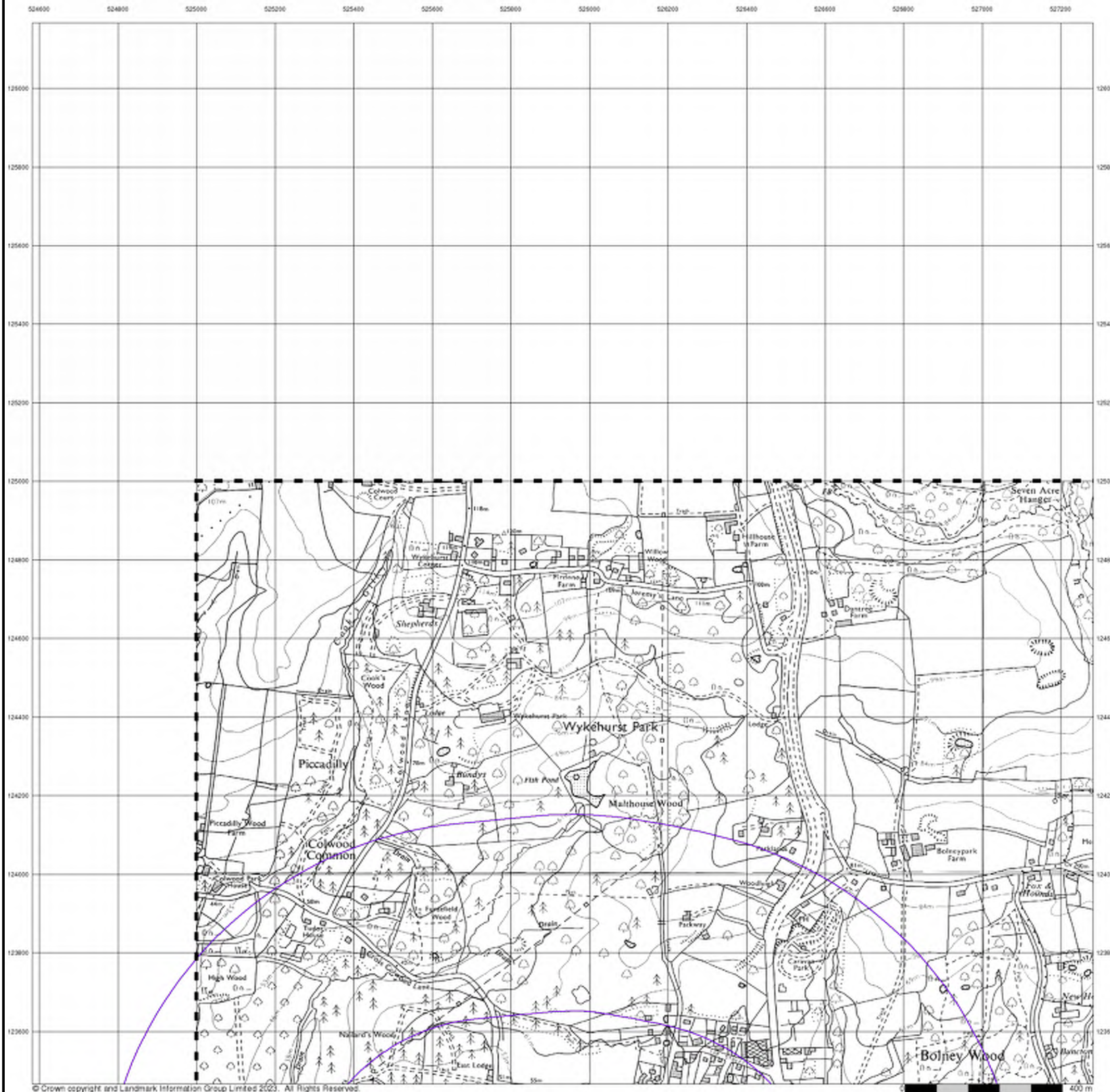
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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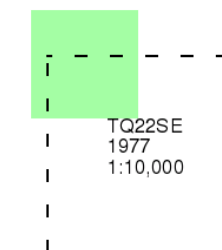
Geo-Environmental Ordnance Survey Plan

Published 1977

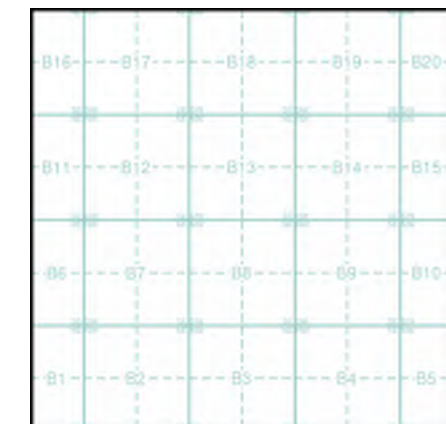
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Geo-Environmental Ordnance Survey Plan

Published 1980

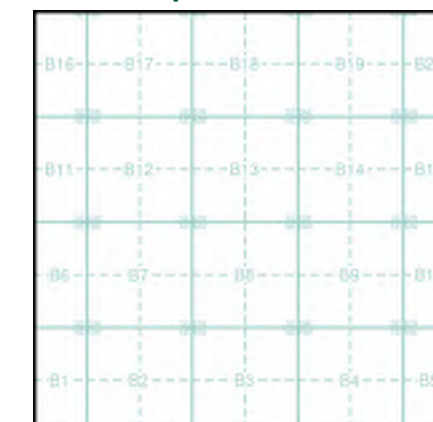
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TQ22NW	TQ22NE
1980	1980
1:10,000	1:10,000
TQ22SW	
1980	
1:10,000	

Historical Map - Slice B



Order Details

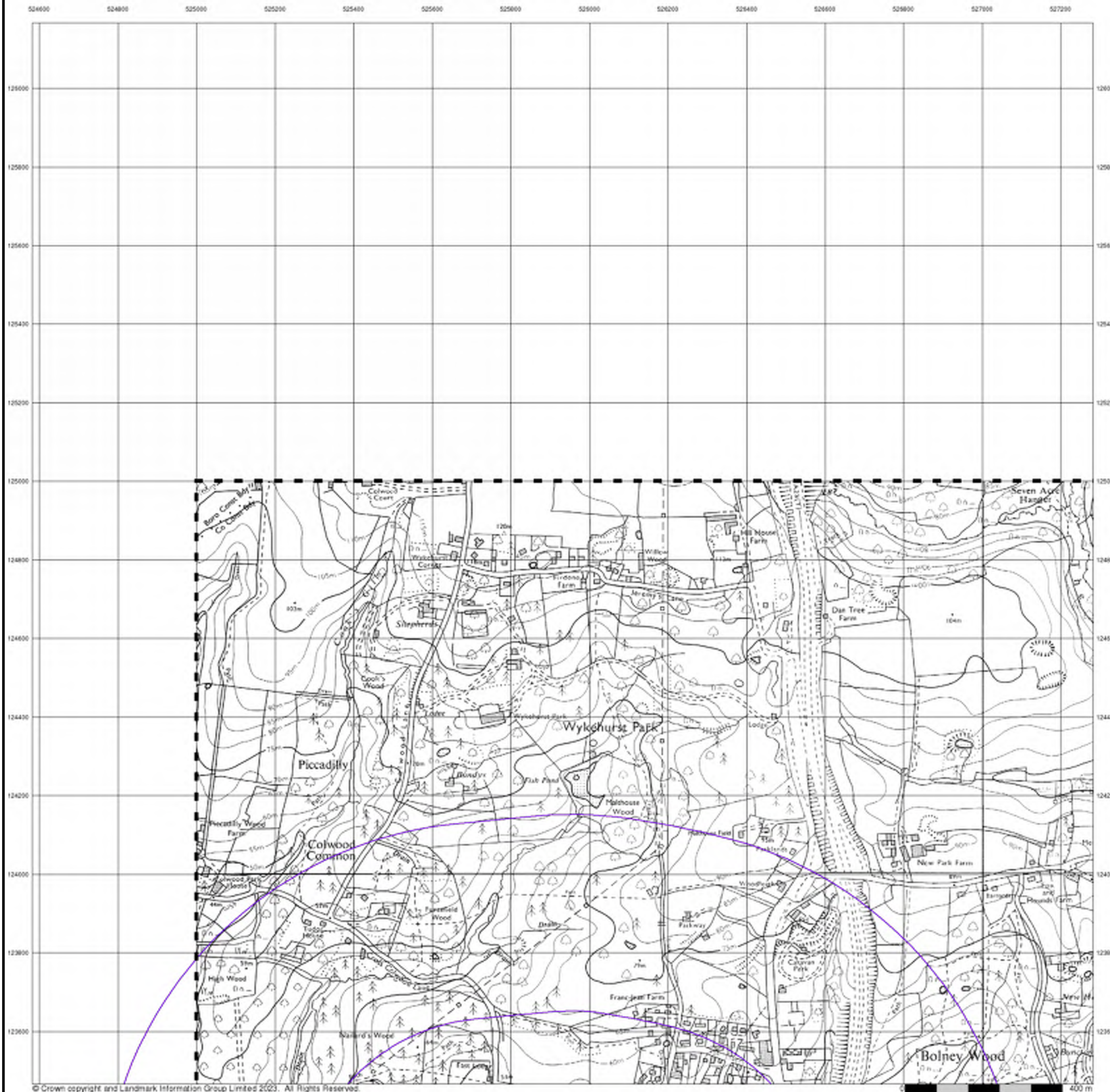
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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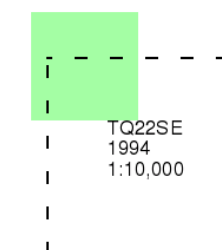
Geo-Environmental Ordnance Survey Plan

Published 1994

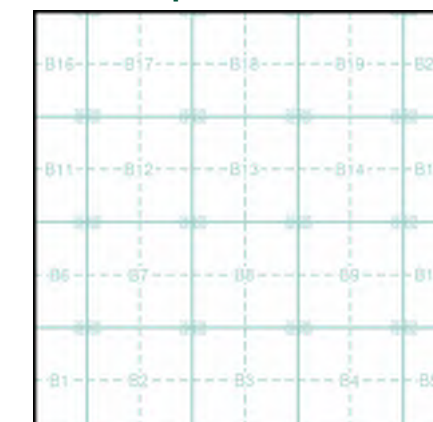
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Geo-Environmental 10k Raster Mapping

Published 2000

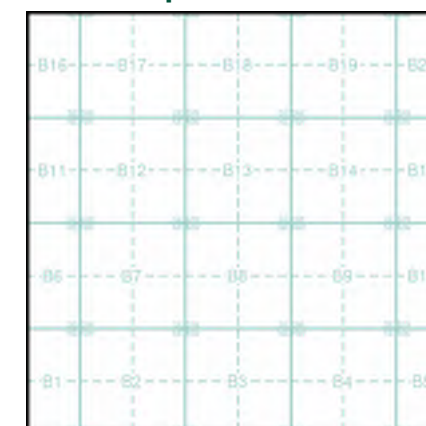
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TQ22NW	TQ22NE
2000	2000
1:10,000	1:10,000
TQ22SW	TQ22SE
2000	2000
1:10,000	1:10,000

Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Geo-Environmental 10k Raster Mapping

Published 2006

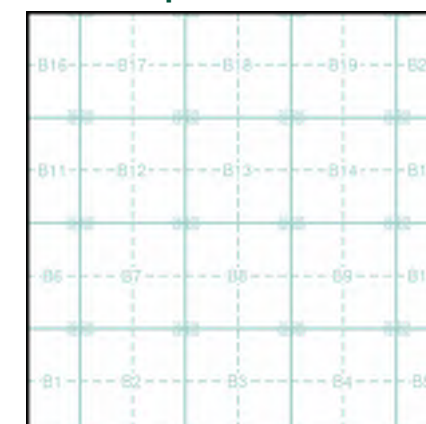
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TQ22NW 2006 1:10,000	TQ22NE 2006 1:10,000
TQ22SW 2006 1:10,000	TQ22SE 2006 1:10,000

Historical Map - Slice B



Order Details

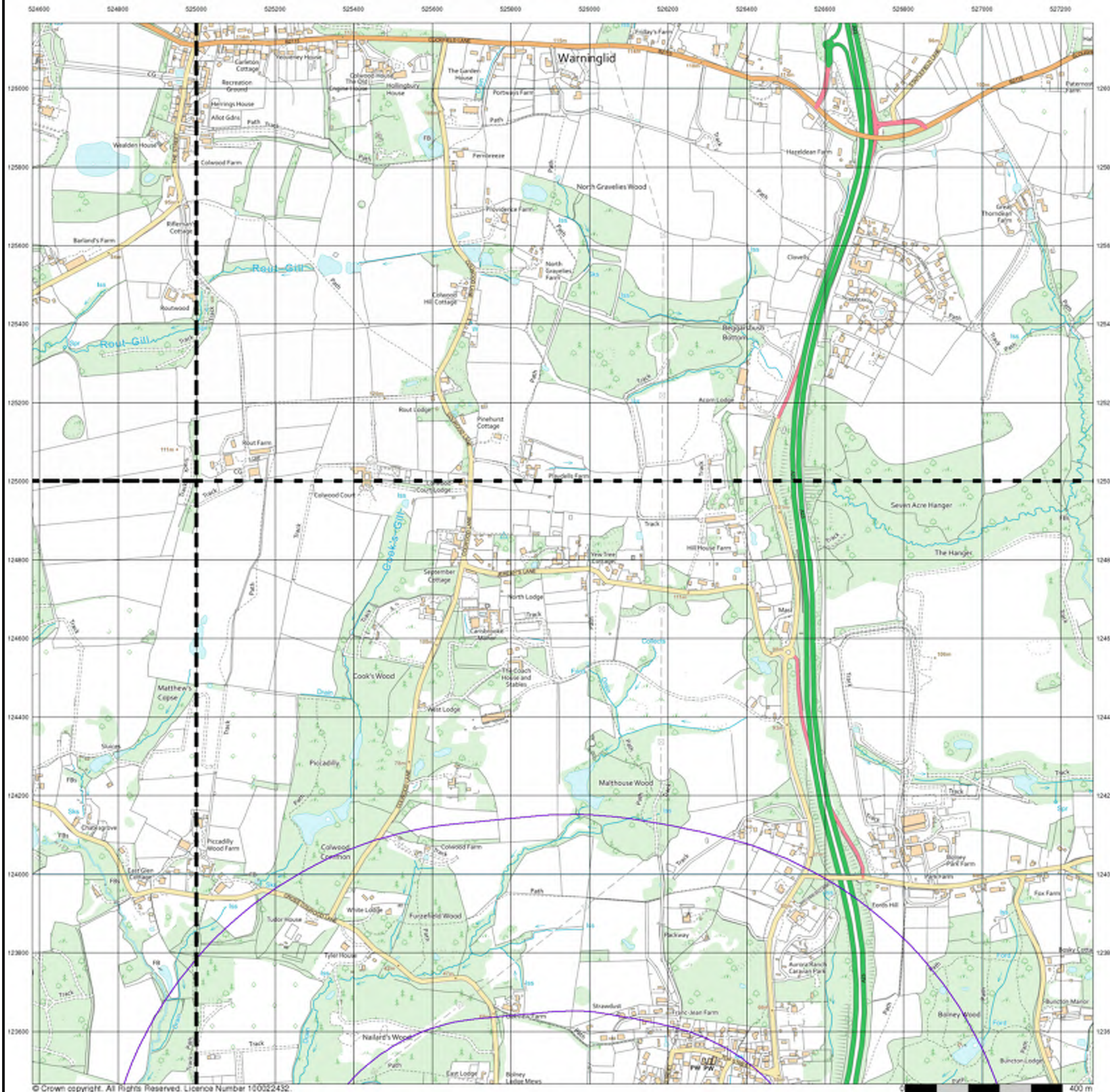
Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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Geo-Environmental VectorMap Local

Published 2023

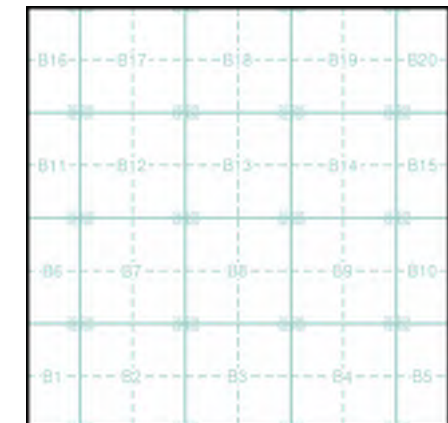
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ22NW 2023 Variable	TQ22NE 2023 Variable
TQ22SW 2023 Variable	TQ22SE 2023 Variable

Historical Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

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



Geo-Environmental

General

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

Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

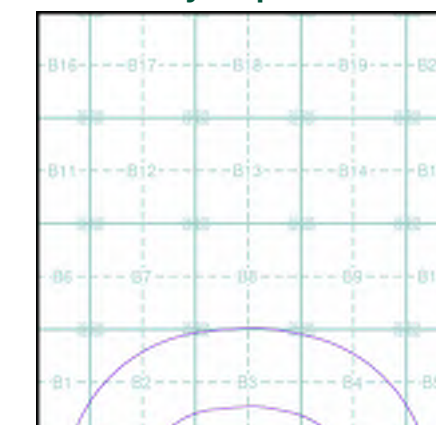
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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



Geo-Environmental Industrial Land Use Map

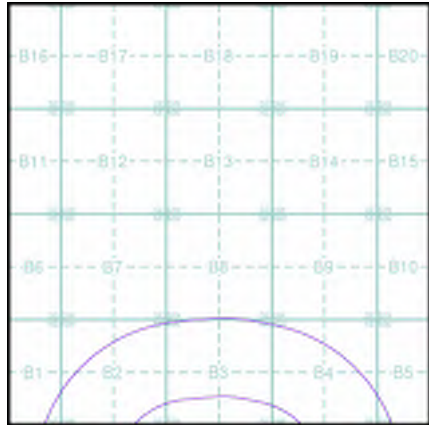
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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



Geo-Environmental

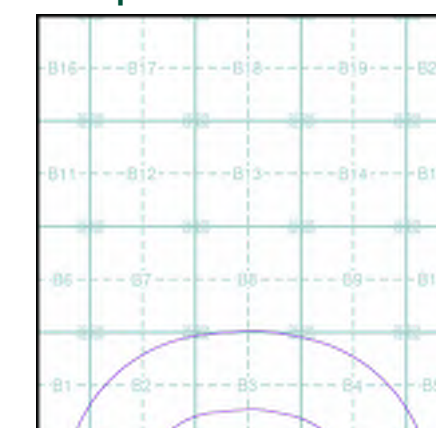
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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



Geo-Environmental

General

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

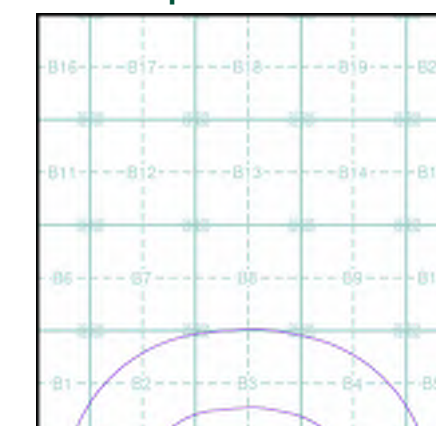
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



Geo-Environmental

General

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

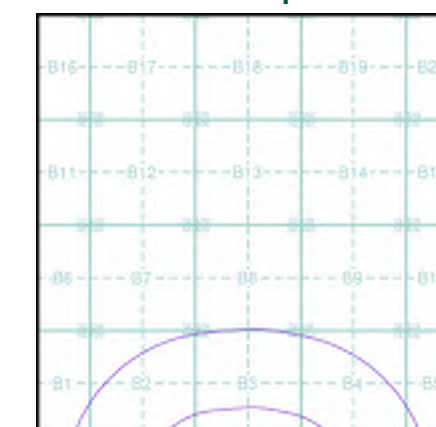
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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Geo-Environmental

General

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

Risk of Flooding from Surface Water

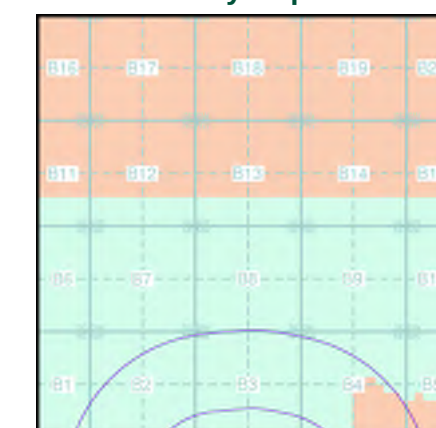
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EAN/RW Suitability Map - Slice B



Order Details

Order Number: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
INFORMATION GROUP

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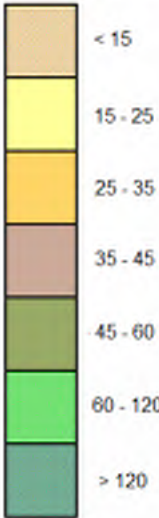
Geo-Environmental

General

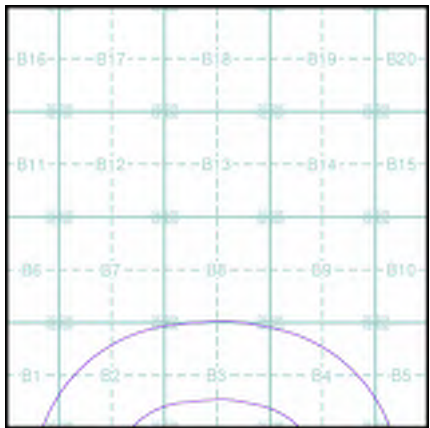
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B



Order Details

Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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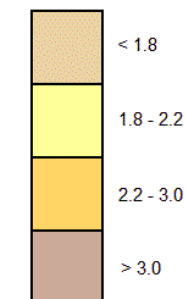
Geo-Environmental

General

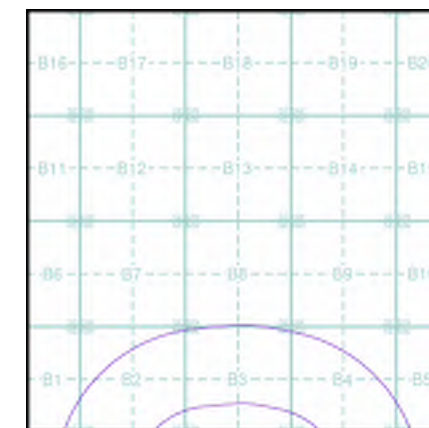
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B



Order Details

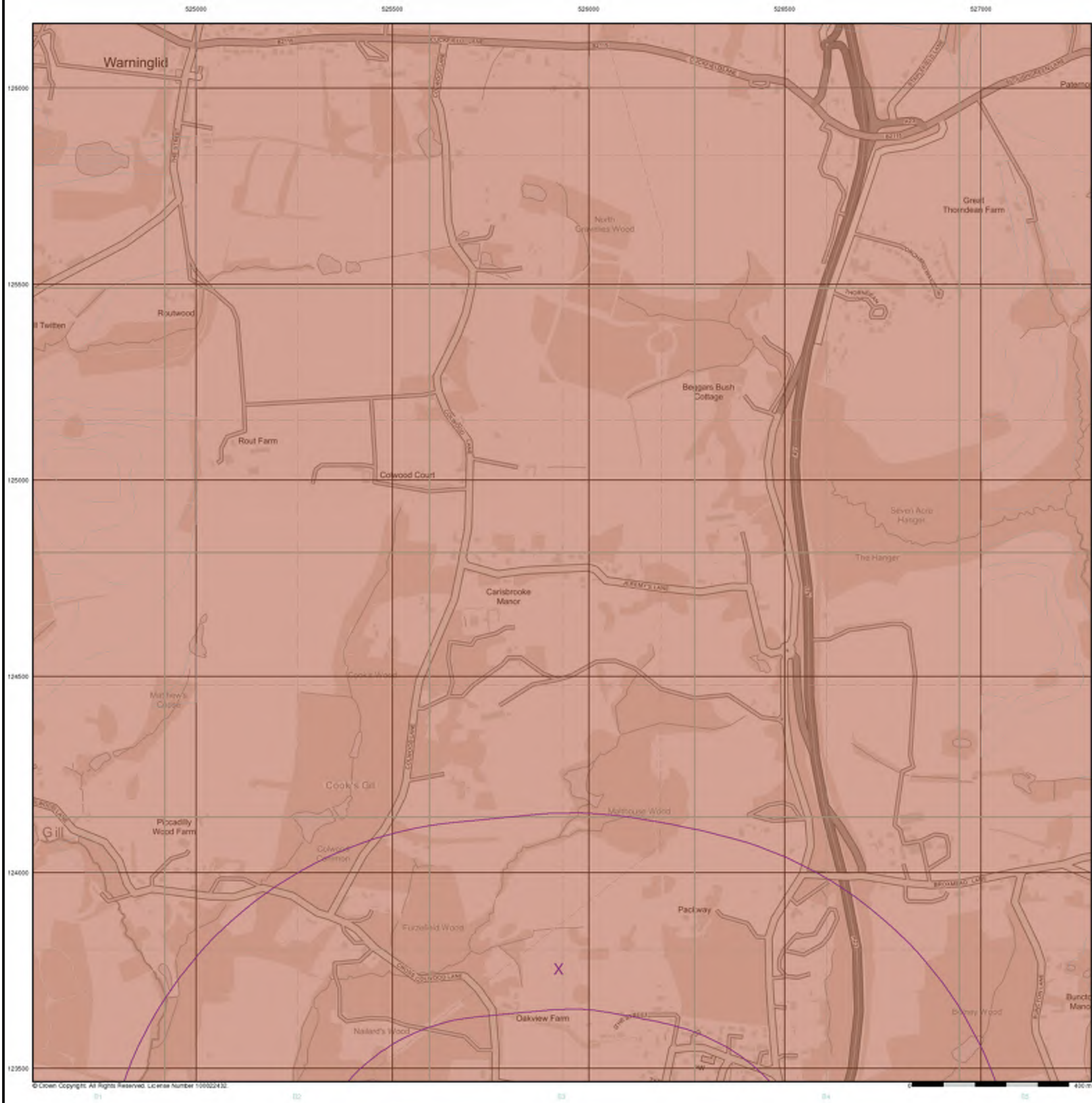
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB

Landmark
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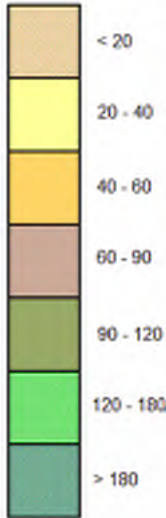
Geo-Environmental

General

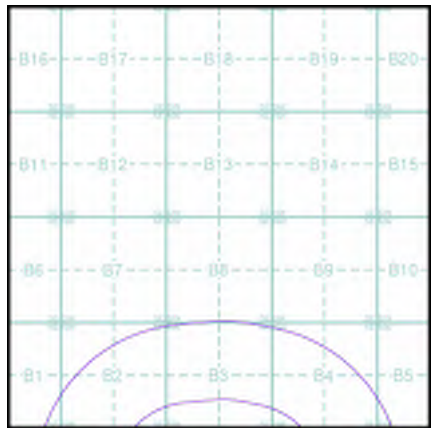
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B



Order Details

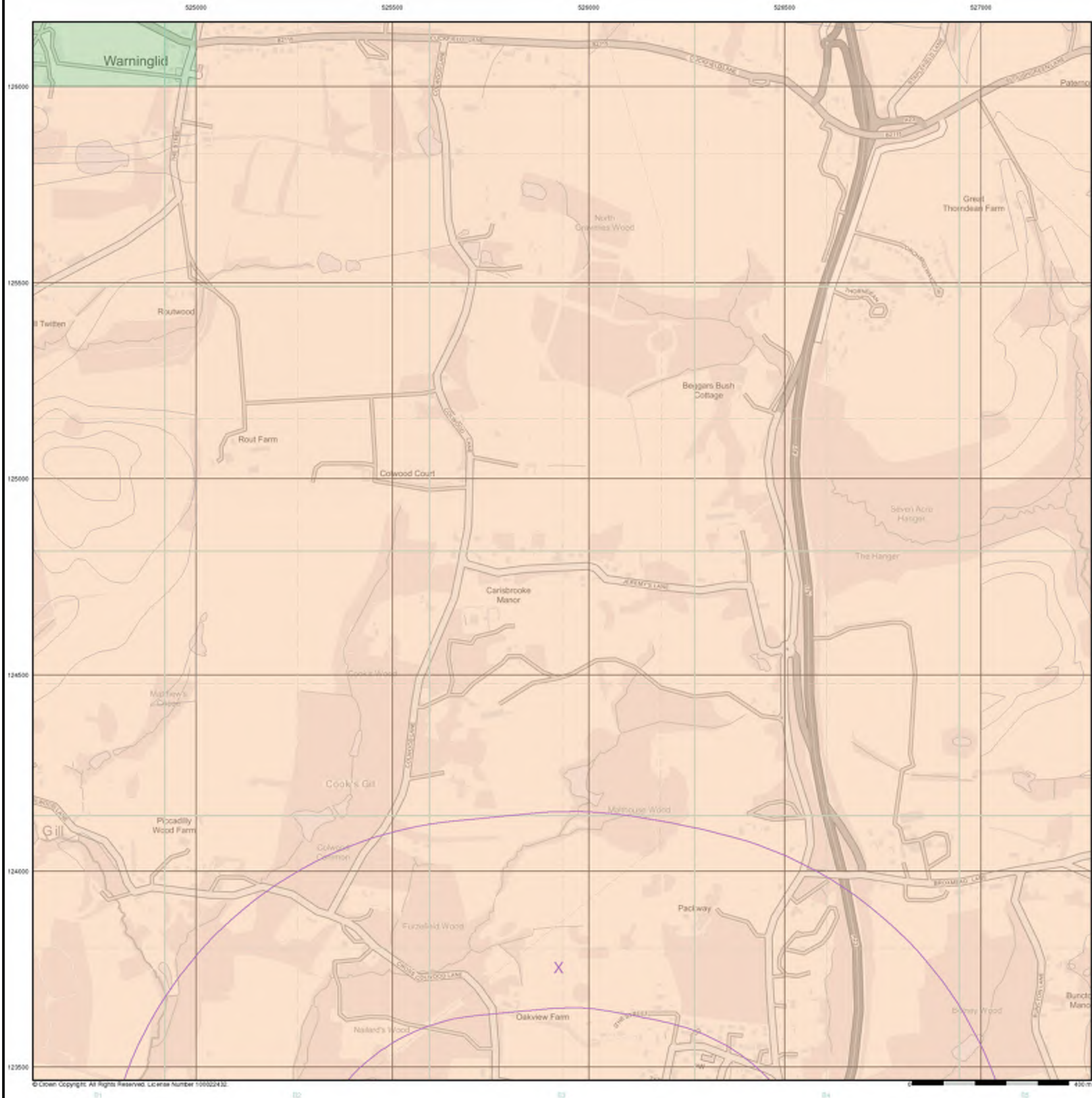
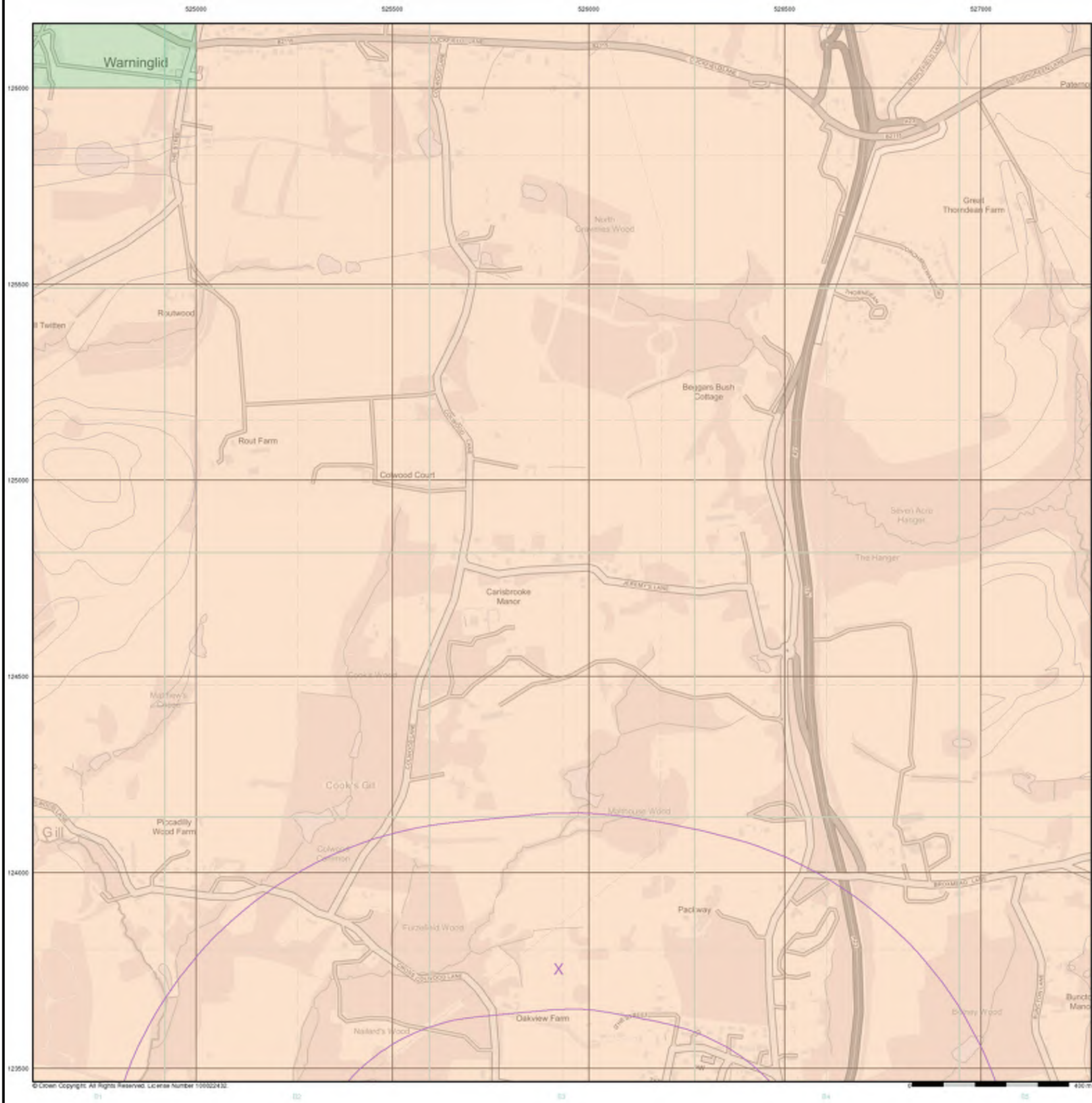
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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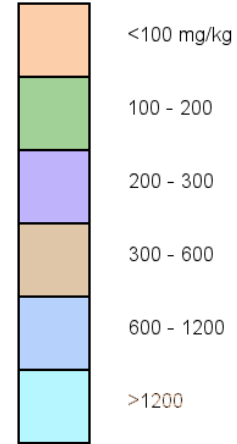


General

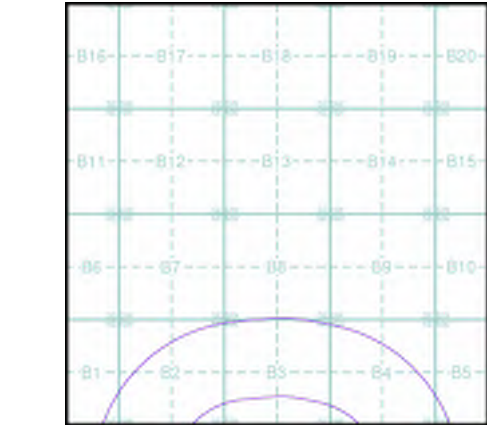
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B



Order Details

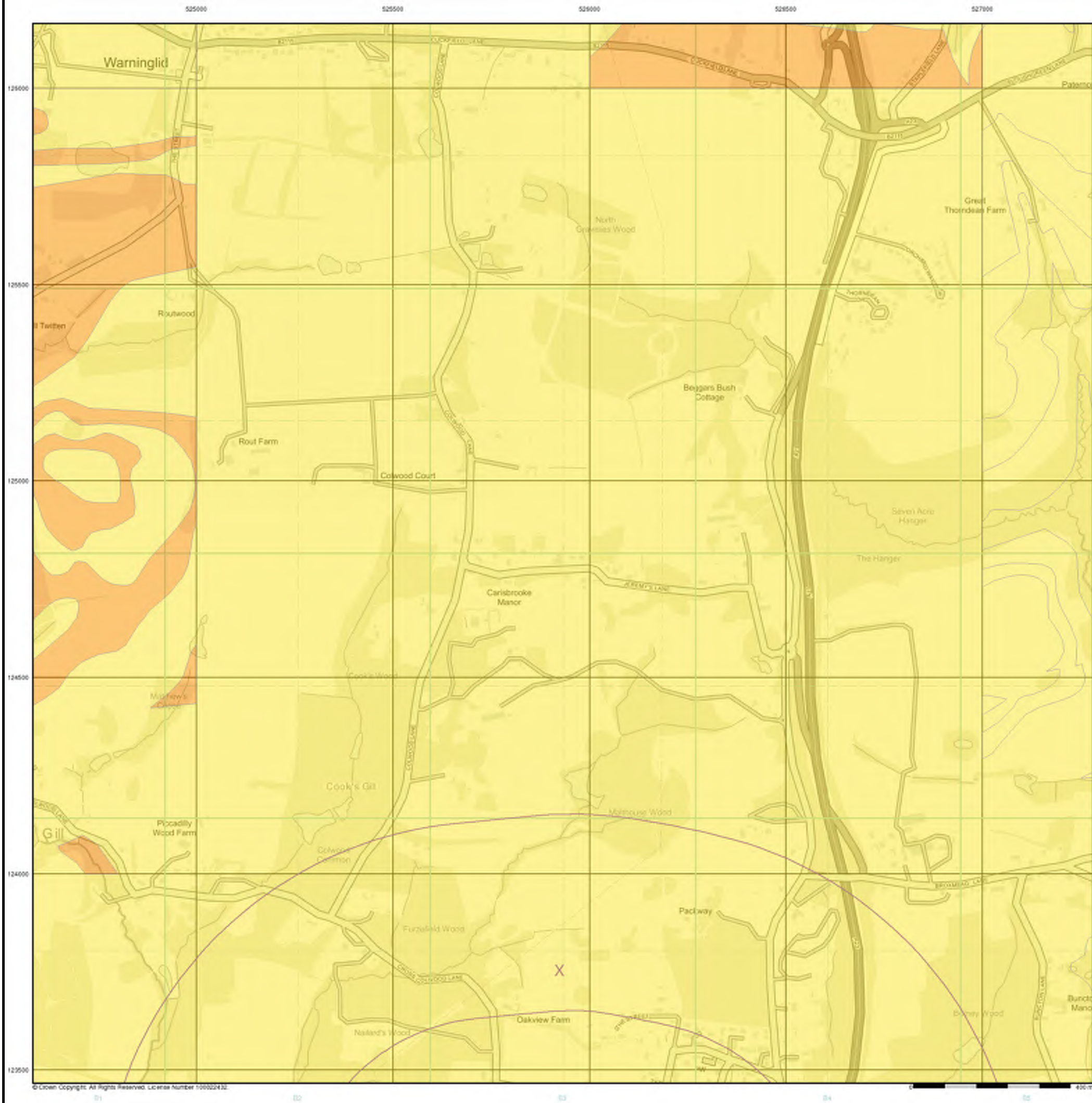
Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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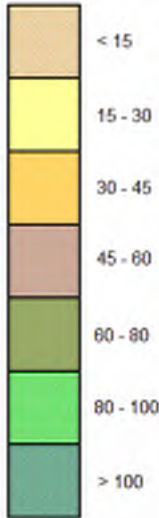
Geo-Environmental

General

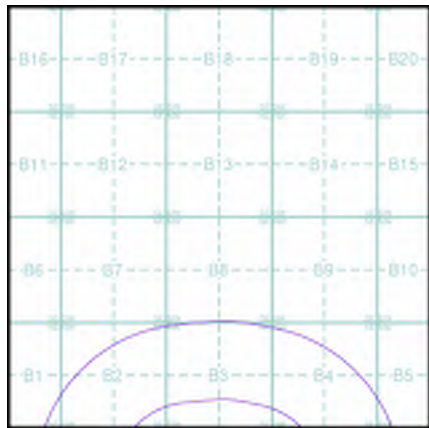
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B



Order Details

Order Details: 323927451_1_1
Customer Ref: GE22035
National Grid Reference: 525920, 123750
Slice: B
Site Area (Ha): 18.27
Search Buffer (m): 1000

Site Details

Foxhole, Foxhole Lane, Bolney, HAYWARDS HEATH, RH17 5NB



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APPENDIX B

Site Walkover Report





Project No.	GE22035
Name	Foxhole Farm, Bolney
Client	Wates
Location	Foxhole Farm
Engineer	
Tom Grace	tom.grace@gesl.net
Date	09/11/2023, 10:48
Coordinates of Site	0° 0' 0" N 0° 0' 0" E
Version	1
Project Manager	
Anthony Potter	anthony.potter@gesl.net
Features Noted	☐ Signs of Landslide ☐ Signs of Subsidence ☐ ASTs ☐ USTs ☐ Retaining walls ☒ Trees ☐ Hard/soft landscaping ☒ Hard Landscaping ☒ Soft Landscaping ☐ Evidence of Surface Staining ☐ Evidence of Buried Services ☒ Overhead Services ☐ Evidence of Filled Ground ☐ Stockpiles ☐ Evidence of Fly Tipping ☐ Evidence of ACMs ☐ Evidence of Vegetation Die Back ☐ Evidence of High Water Table ☐ Evidence of Dissolution Features ☒ Drums/Barrels ☐ Roof Materials ☐ Other
Current Site Use	Horse paddocks
Approximate Site Area	18.27
Shape of Site	Irregular
Topography	Gently sloping down
Description of Topography	
Was Internal Inspection Possible	No
Site Overview Photographs	1 record

View from North facing South



View from East facing West



View from South facing North



View from West facing East



Descriptions of any Buildings

7 records

Building Photograph	1
Description of Building	Wooden stables
Location	50° 59' 32.139" N 0° 12' 30.391" W

1 record

Photograph

Photograph(s)



Building

Photograph	2
Description of Building	Riding school. Rubber chip base
Location	50° 59' 34.011" N 0° 12' 29.257" W
1 record	
Photograph(s)	Photograph
	
Building Photograph	3
Description of Building	Asbestos roof double height shed
Location	50° 59' 32.096" N 0° 12' 30.418" W
1 record	
	Photograph

Photograph(s)	
Building Photograph	4
Description of Building	Rear of outbuildings all with asbestos roofing
Location	50° 59' 35.46" N 0° 12' 27.49" W
1 record	
Photograph	

Photograph(s)		
Building Photograph	5	
Description of Building	Derelict greenhouse	
Location	50° 59' 28.971" N 0° 12' 28.612" W	
1 record		
Photograph		

Photograph(s)	
Building Photograph	6
Description of Building	Wood store asbestos roof
Location	50° 59' 28.971" N 0° 12' 28.612" W
	1 record
	Photograph

Photograph(s)



Building Photograph	7
Description of Building	Old barn in use for horses. Asbestos cladding and roof
Location	50° 59' 29.426" N 0° 12' 29.22" W

1 record

Photograph

Photograph(s)



Trees

1 record

Trees	1
Description	Mature trees and hedgerows surround fields
Photo	

Hard Landscaping

2 records

Hard Landscaping	1
------------------	---

Description	Access drive
Photo(s)	
	

Hard Landscaping	2
Description	Access from house to barns
Photo(s)	
	

Soft Landscaping

16 records

Soft Landscaping	1
Description	Second lower field.
Photo(s)	



Soft Landscaping	2
Description	Lower field

Photo(s)



Soft Landscaping	3
Description	Lower field

Photo(s)



Soft Landscaping	4
------------------	---

Description	Eastern field
Photo(s)	
Soft Landscaping	5
Description	Eastern field
Photo(s)	
Soft Landscaping	6
Description	Eastern field
Photo(s)	

Soft Landscaping	7
Description	Eastern field
Photo(s)	
Soft Landscaping	8
Description	Central field
Photo(s)	
Soft Landscaping	9
Description	Central field
Photo(s)	



Soft Landscaping 10

Description North Western field

Photo(s)



Soft Landscaping 11

Description North Western field

Photo(s)



Soft Landscaping 12

Description	North Western field
Photo(s)	
Soft Landscaping	13
Description	North of house
Photo(s)	
Soft Landscaping	14
Description	North Eastern field
Photo(s)	

Soft Landscaping	15
Description	North Eastern field
Photo(s)	

Soft Landscaping	16
Description	North Eastern field
Photo(s)	

Overhead Services

1 record

OverheadServices	1
Description	Overhead power north of northern field. Runs east west
Photo(s)	



Drums/Barrels

1 record

Drums/Barrels	1
Description	Disused car
Photo(s)	A photograph of a dark blue station wagon parked on a grassy area. To the right of the car is a stone building with a dark doorway. Behind the car is a large grey metal container. The background shows some trees and a cloudy sky.

Approved By



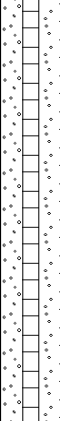
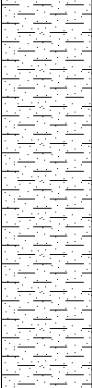
Anthony Potter

anthony.potter@gesl.net

APPENDIX B

Exploratory Hole Logs & Sections



 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS02 Sheet 1 of 1		
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 526003E - 123091N		Hole Type WLS		
Location: Bolney, West Sussex						Level: 36.02		Scale 1:25		
Client: Wates Developments Limited						Dates: 10/11/2023		Logged By TG		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.30	35.72		Brown slightly silty CLAY. Rootlets throughout TOPSOIL		
		0.50 0.50 0.50	D ES PP	2.7kg/cm2				Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
		1.00 1.00 1.00	D PP SPT	2.3kg/cm2 N=32 (2,4/6,10,8,8)	1.10	34.92		Very stiff brown slightly gravelly sandy CLAY. Sand is fine. Gravel is fine to medium sub angular flint. UPPER TUNBRIDGE WELLS SAND		
		1.50 1.50	D PP	4.3kg/cm2						
		2.00 2.00 2.00	D PP SPT	4.5kg/cm2 N=50 (4,9/50 for 275mm)						
		2.40	D		2.40	33.62	End of Borehole at 2.40m			
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
						 Status				



www.gesl.net

Geo-Environmental www.gesl.net

Borehole Log

WS03

Sheet 1 of 1

Project Name: Foxhole Farm, Bolney

Project No.
GE22035

Co-ords: 525876E - 123062N

Hole Type	WLS
-----------	-----

Location: Bolney, West Sussex

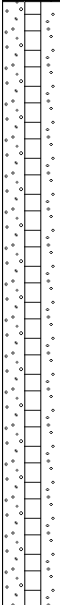
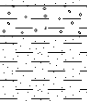
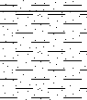
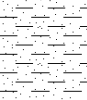
Level: 33.22

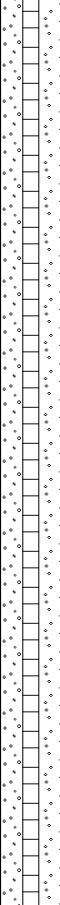
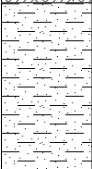
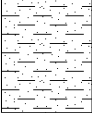
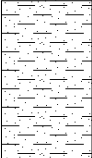
Scale
1:25

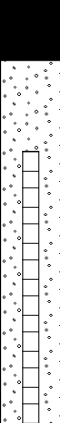
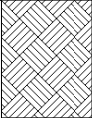
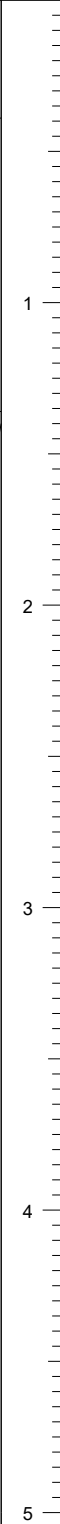
Client: Wates Developments Limited

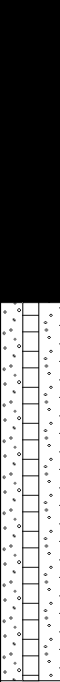
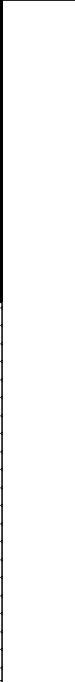
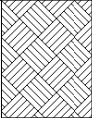
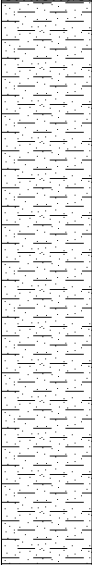
Dates: 10/11/2023

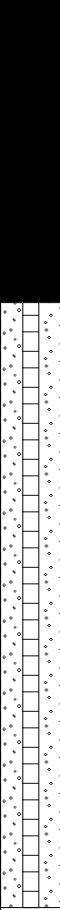
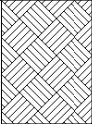
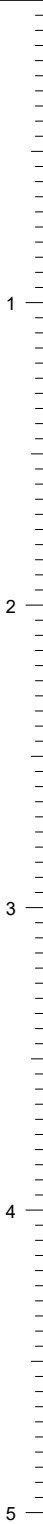
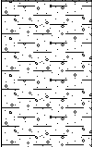
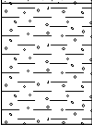
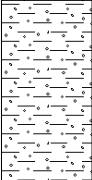
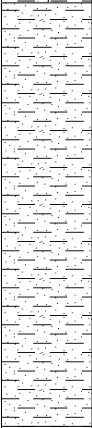
Logged By
TG

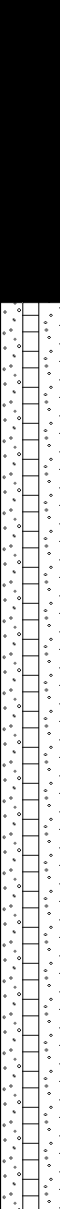
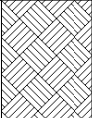
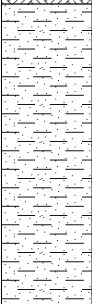
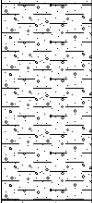
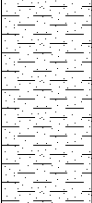
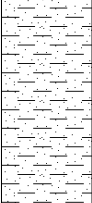
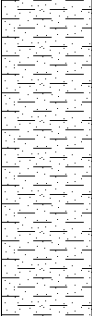
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.10	ES	0.9kg/cm2	0.37	32.85		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL	1 2 3 4 5			
		0.50	D				2.7kg/cm2 N=8 (1,2/1,2,2,3)	0.70		32.52		Firm brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND
		0.50	ES									
		0.50	PP									
		0.75	PP	1.8kg/cm2	0.80	32.42		Stiff dark brown slightly sandy very gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND				
		1.00	D									
		1.00	PP									
		1.00	SPT									
		1.50	D	3.1kg/cm2	1.70	31.52		Stiff to very stiff light brown grey mottled slightly silty, slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND				
		1.50	PP									
		2.00	D	3.5kg/cm2 N=39 (3,6/9,11,8,11)				Very stiff light brown grey mottled sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND				
		2.00	PP									
		2.00	SPT									
		2.50	D	50 (25 for 135mm/50 for 125mm)				Stiff to very stiff light brown grey mottled slightly silty, slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND				
2.60	SPT											
3.00	D		3.00	30.22		End of Borehole at 3.00m						
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks								
Depth Top	Depth Base	Diameter	Depth Strike						Rose To			
					AGS							
					Status							

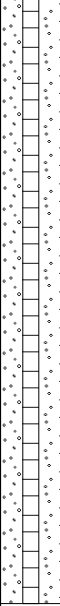
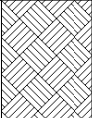
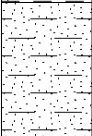
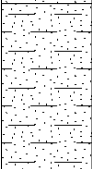
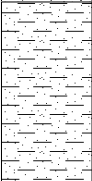
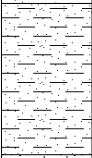
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS10 Sheet 1 of 1		
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 526002E - 122981N		Hole Type WLS		
Location: Bolney, West Sussex				Level: 37.18		Scale 1:25				
Client: Wates Developments Limited				Dates: 10/11/2023		Logged By TG				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.27	36.90		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL		
	0.50 0.50 0.50	D ES PP	2.8kg/cm2					Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
	1.00 1.00 1.00 1.10	D PP SPT PP	2.4kg/cm2 N=22 (1,2/2,5,6,9) 3.0kg/cm2	1.05	36.12		Stiff light brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND			
							Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	1.50	D		1.45	35.72		Very stiff light brown slightly gravelly very sandy CLAY. Sand is fine. Gravel is fine to medium sub angular sandstone and mudstone. Occasional ferruginous inclusions. UPPER TUNBRIDGE WELLS SAND			
	2.00 2.00 2.00	D PP SPT	3.5kg/cm2 N=40 (7,6/8,9,10,13)							
	2.50	D								
	3.00 3.00	D SPT	N=44 (8,8/44 for 230mm)							
	3.50 3.60	D SPT	50 (11,14/50 for 170mm)							
	4.00	D		4.00	33.17		End of Borehole at 4.00m			
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					 Status	
Depth Top	Depth Base	Diameter	Depth Strike							Rose To

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS12 Sheet 1 of 1			
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 525995E - 122750N		Hole Type WLS			
Location: Bolney, West Sussex				Level: 37.55		Scale 1:25					
Client: Wates Developments Limited				Dates: 10/11/2023		Logged By TG					
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.10	ES		0.39	37.16		Brown slightly slightly silty CLAY. Rootlets throughout. TOPSOIL			
	0.50	D								3.4kg/cm2	Very stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND
	0.50	ES									
	0.50	PP									
		1.00	D								
		1.00	PP								
		1.00	SPT	3.5kg/cm2 50 (5,4/50 for 185mm)							
					1.36	36.19					
					1.40	36.15		Orangish brown gravelly SAND. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND End of Borehole at 1.40m			
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks							
Depth Top	Depth Base	Diameter	Depth Strike							Rose To	
					 Status						

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS13 Sheet 1 of 1															
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 525768E - 122729N		Hole Type WLS															
Location: Bolney, West Sussex					Level: 36.66		Scale 1:25															
Client: Wates Developments Limited					Dates: 09/11/2023		Logged By TG															
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description														
		Depth (m)	Type	Results																		
		0.10	ES	3.1kg/cm2	0.39	36.27		Brown slightly silty CLAY. Rootlets throughout TOPSOIL														
		0.50	D							2.6kg/cm2 N=7 (1,1/1,2,2,2)												
		0.50	ES																			
		0.50	PP																			
		1.00	D	2.8kg/cm2	2.25	34.41		Stiff to very stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND														
		1.00	PP																			
		1.00	SPT																			
		1.50	D	3.8kg/cm2 50 (6,18/50 for 90mm)	2.25	34.41		End of Borehole at 2.25m														
		1.50	PP																			
		2.00	D																			
2.00	PP																					
2.00																						
Dynamic Sampling Run Details <table><tr><td>Depth Top</td><td>Depth Base</td><td>Diameter</td><td>Depth Strike</td><td>Rose To</td><td>Remarks</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Refusal at 2.25</td></tr></table>									Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Remarks						Refusal at 2.25	 Status	
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Remarks																	
					Refusal at 2.25																	

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS15 Sheet 1 of 1							
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 525857E - 122469N		Hole Type WLS							
Location: Bolney, West Sussex					Level: 22.84		Scale 1:25							
Client: Wates Developments Limited					Dates: 09/11/2023		Logged By TG							
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description						
		Depth (m)	Type	Results										
		0.10	ES	1.6kg/cm2	0.41	22.43		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL						
		0.50	D							2.4kg/cm2 N=15 (2,3/3,5,3,4)	0.90	21.94		Stiff light brown grey mottled slightly gravelly slightly sandy CLAY. Sand is fine. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND
		0.50	ES											
		0.50	PP											
		1.00	D	4.1kg/cm2	1.30	21.54		Stiff dark brown sandy very gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular. UPPER TUNBRIDGE WELLS SAND						
		1.00	PP											
		1.00	SPT											
		1.50	D	4.4kg/cm2 N=18 (2,2/4,4,5,5)	1.90	20.94		Very stiff brown occasionally grey mottled slightly sandy slightly gravelly CLAY. Sand is fine. Gravel is fine to medium sub angular t9 sub rounded sandstone. UPPER TUNBRIDGE WELLS SAND						
		1.50	PP											
		2.00	D											
2.00	PP	50 (5,7/50 for 210mm)	3.30	19.54		Very stiff grey to brown slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND								
2.50	D													
2.50	PP													
3.00	D	End of Borehole at 3.30m												
3.00	PP													
3.00	SPT													
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks										
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Seepage at 1.1mbl									
			1.10	2.00										
								 Status						

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. WS16 Sheet 1 of 1				
Project Name: Foxhole Farm, Bolney		Project No. GE22035		Co-ords: 525755E - 122526N		Hole Type WLS				
Location: Bolney, West Sussex				Level: 24.30		Scale 1:25				
Client: Wates Developments Limited				Dates: 09/11/2023		Logged By TG				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.40	23.90		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL		
		0.50	D					Firm light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND <i>Band of fine to medium sandstone gravel</i>		
		0.50	ES							
		0.50	PP	1.0kg/cm2						
		1.00	D		1.40	22.90		Stiff brown to dark brown gravelly sandy CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND		
		1.00	PP	0.9kg/cm2 N=16 (1,2/3,4,4,5)						
		1.00	SPT							
		1.50	D		2.05	22.25		Very stiff grey light brown mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND <i>Band of fine sandstone gravel</i>		
		1.50	PP	2.0kg/cm2						
		2.00	D							
2.00	PP	4.5kg/cm2 N=12 (3,3/3,3,3,3)								
2.50	D		3.00	4.1kg/cm2 N=17 (2,2/2,4,6,5)						
2.50	PP	4.2kg/cm2								
3.00	D									
3.00	PP	4.1kg/cm2 N=17 (2,2/2,4,6,5)								
3.50	D		4.45	19.85		End of Borehole at 4.45m				
3.50	PP	4.6kg/cm2								
4.00	D									
4.00	PP	4.6kg/cm2 N=42 (4,5/8,12,10,12)								
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
			2.10							2.10
				 Status						

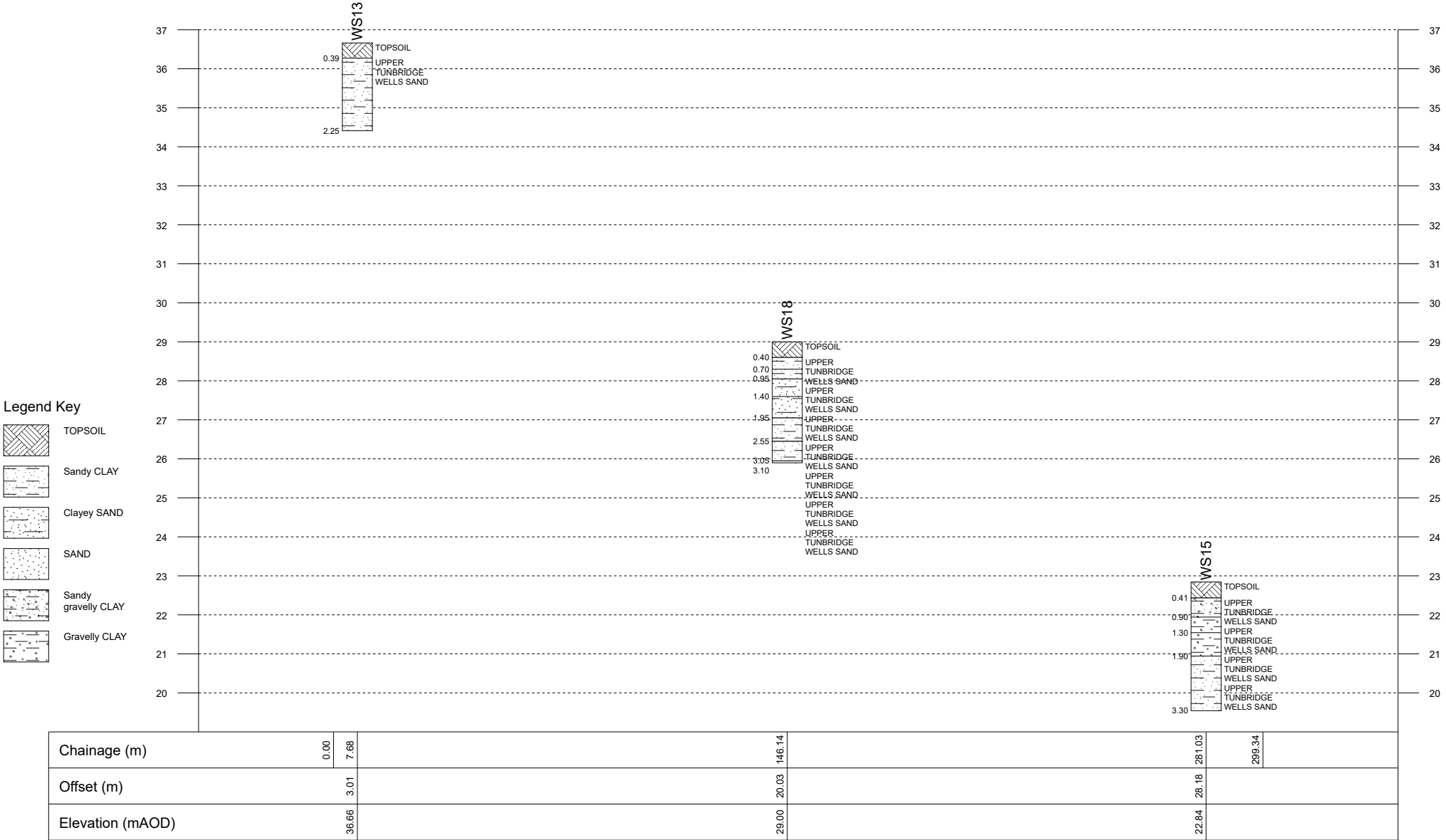
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS18 Sheet 1 of 1					
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 525846E - 122612N		Hole Type WLS	
Location: Bolney, West Sussex				Level: 29.00		Scale 1:25			
Client: Wates Developments Limited				Dates: 09/11/2023		Logged By TG			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.40	28.60		Brown slightly gravelly, slightly silty CLAY. Gravel is fine sub angular sandstone. Rootlets throughout. TOPSOIL	
	0.50 0.50 0.50	D ES PP	0.5kg/cm2						
	0.90	PP	1.2kg/cm2	0.95	28.05		Firm light brown grey mottled very sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
	1.00 1.00	D SPT	N=15 (5,3/2,4,4,5)					Medium dense yellowish brown slightly clayey, slightly gravelly SAND. Sand is fine. Gravel is rare fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND	
	1.50	D		1.40	27.60		Medium dense light brown grey mottled very clayey SAND. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
	2.00 2.00 2.00	D PP SPT	4.0kg/cm2 N=25 (2,4/4,7,6,8)					Very stiff brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND	
	2.50 2.50	D PP	4.5kg/cm2	2.55	26.45		Very stiff light brown grey mottled very sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
	3.00 3.00 3.00	D PP SPT	4.2kg/cm2 50 (25 for 70mm/50 for 60mm)					Dense light yellowish brown SAND. Sand is fine. UPPER TUNBRIDGE WELLS SAND	
	3.10	D		3.05 3.10	25.95 25.90	End of Borehole at 3.10m			
	Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks				
Depth Top	Depth Base	Diameter	Depth Strike	Rose To					



Status

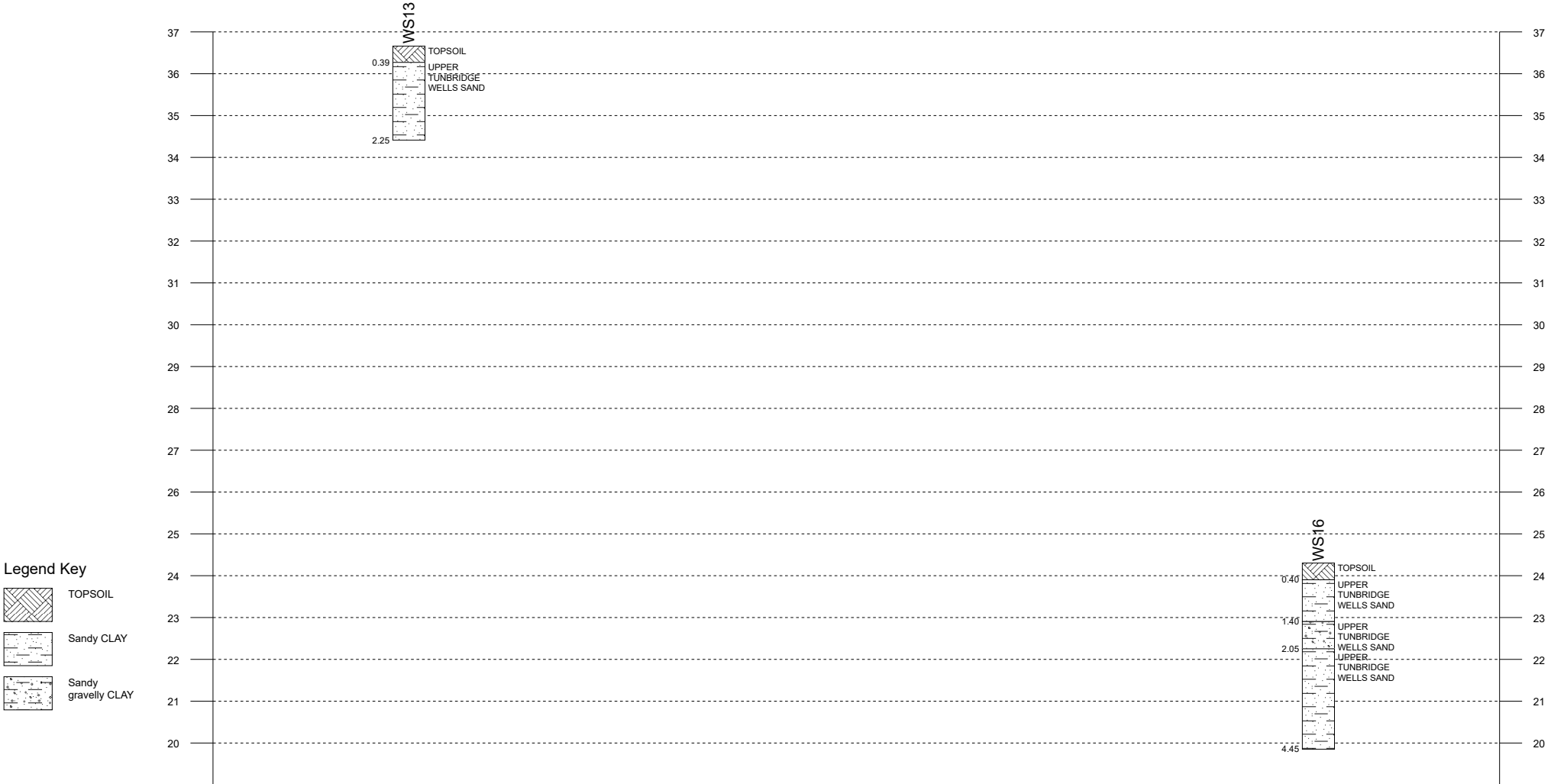
Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

Title: Section line 1
Vertical Scale: 1:138
Horizontal Scale: 1:1734
Engineer: Anthony



Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

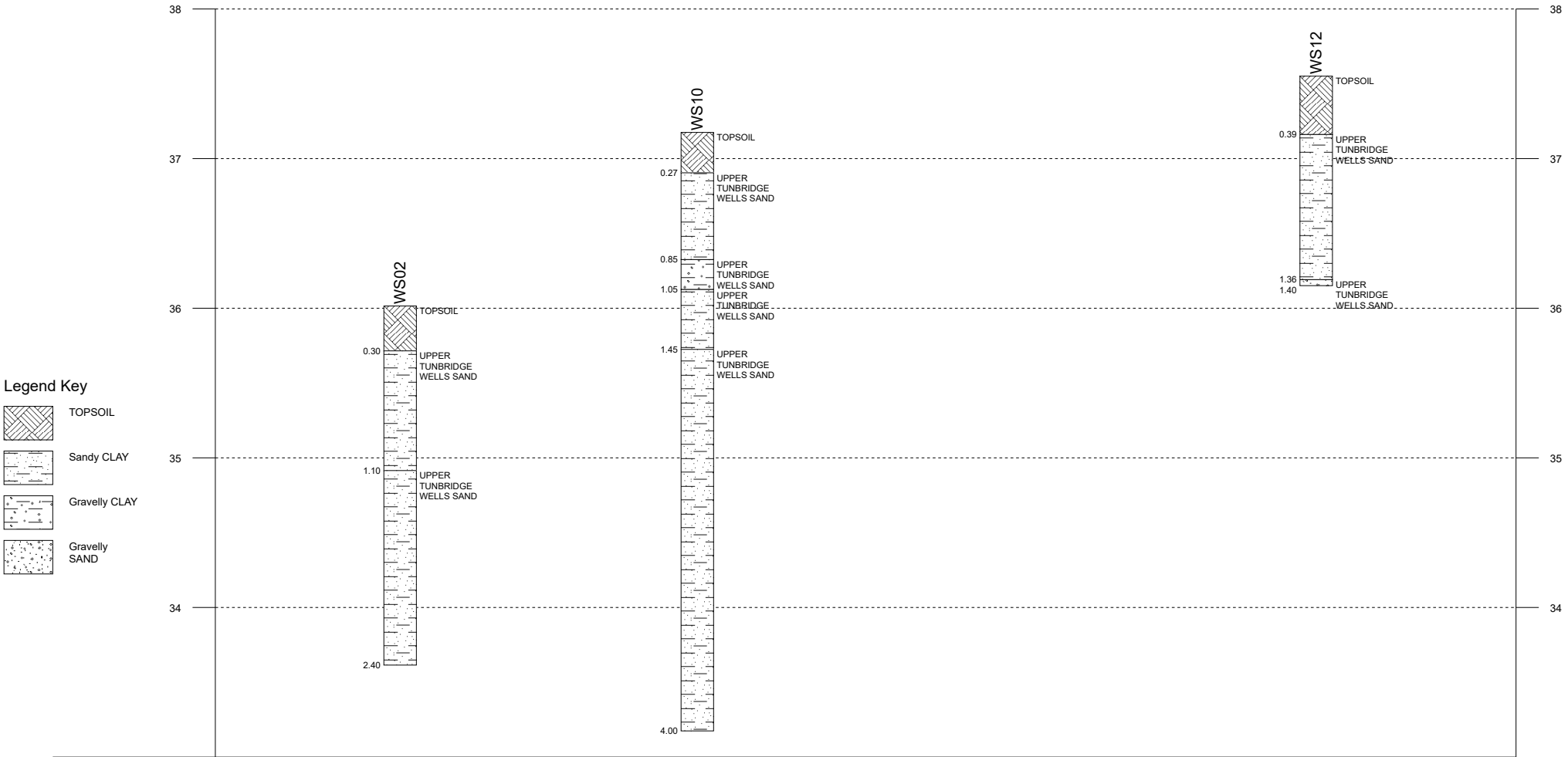
Title: Section line 2
Vertical Scale: 1:138
Horizontal Scale: 1:1292
Engineer: Anthony



Chainage (m)	0.00	11.45	214.92	223.03
Offset (m)		14.69	6.02	
Elevation (mAOD)		36.66	24.30	

Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

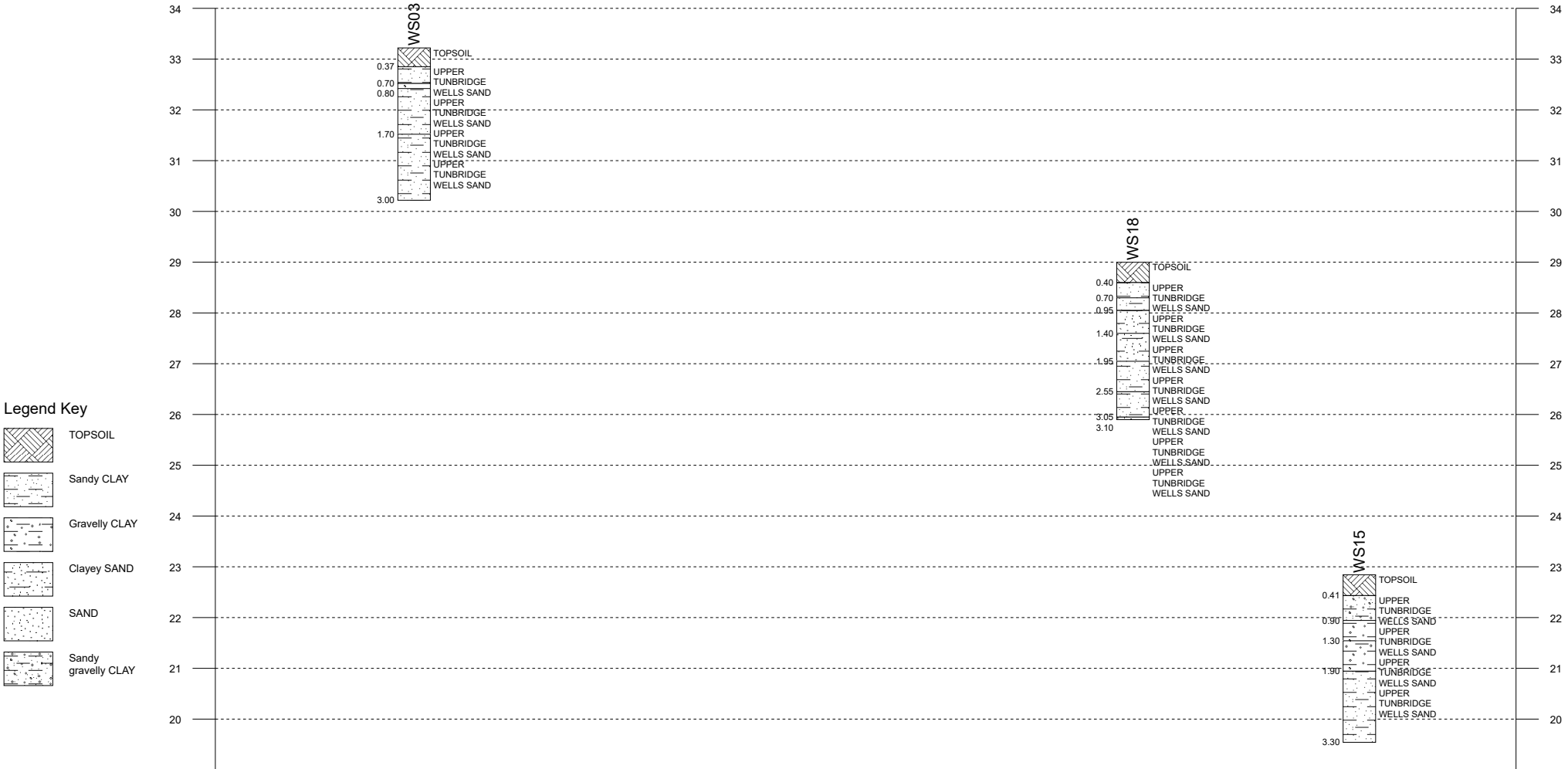
Title: Section line 3
Vertical Scale: 1:39
Horizontal Scale: 1:2178
Engineer: Anthony



Chainage (m)	0.00	14.35	125.22	356.09	374.64
Offset (m)		0.01	0.27	5.95	
Elevation (mAOD)		36.02	37.18	37.55	

Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

Title: Section line 4
Vertical Scale: 1:115
Horizontal Scale: 1:3660
Engineer: Anthony



Chainage (m)	0.00	32.87	483.57	625.46	631.89
Offset (m)		4.49	8.48	11.20	
Elevation (mAOD)		33.22	29.00	22.84	

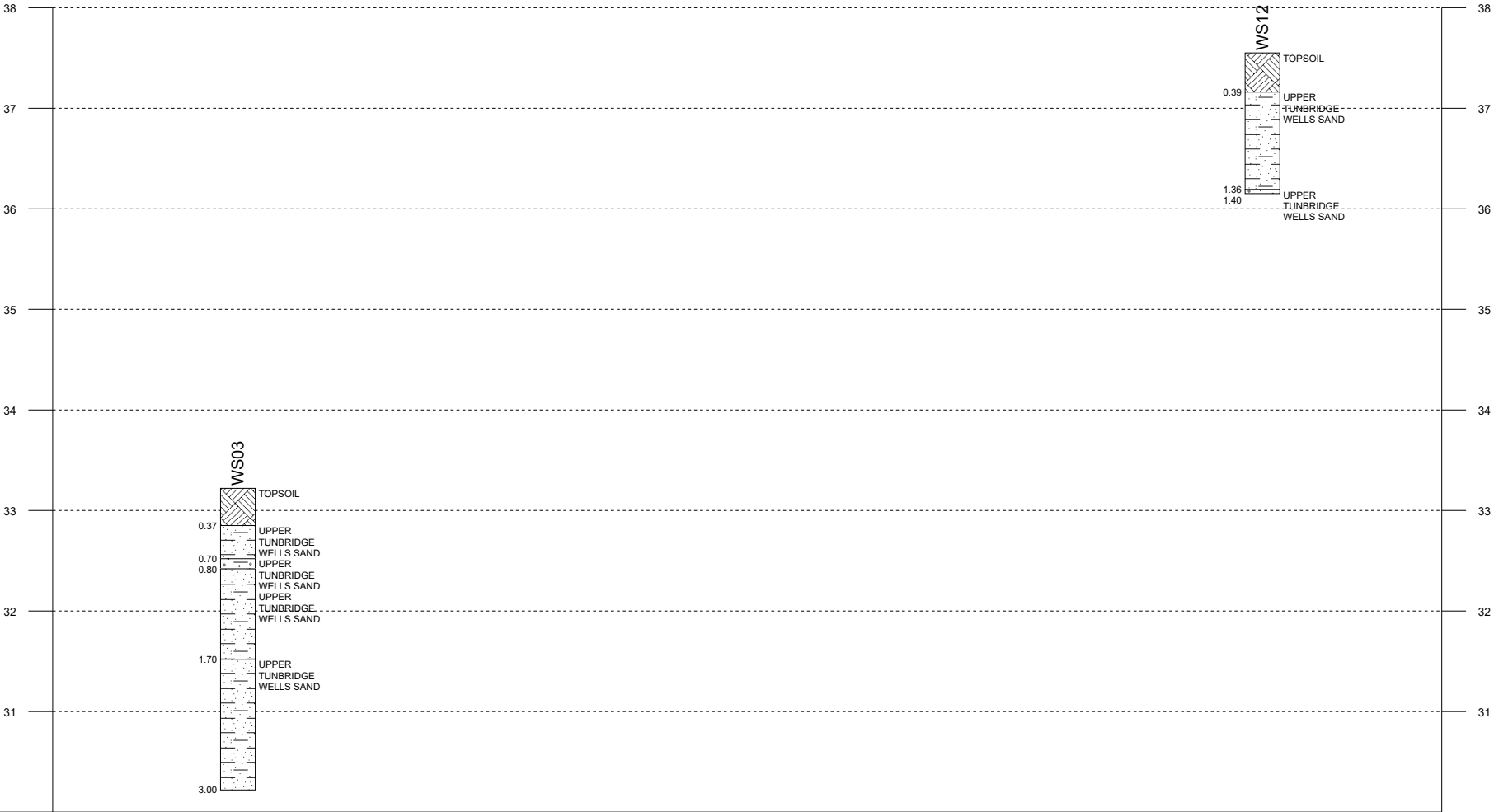
Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

Title: Section line 5
Vertical Scale: 1:62
Horizontal Scale: 1:2033
Engineer: Anthony



Legend Key

- TOPSOIL
- Sandy CLAY
- Gravelly SAND
- Gravelly CLAY



Chainage (m)	0.00	9.42			343.50	350.96	
Offset (m)		2.02			3.06		
Elevation (mAOD)		33.22			37.55		

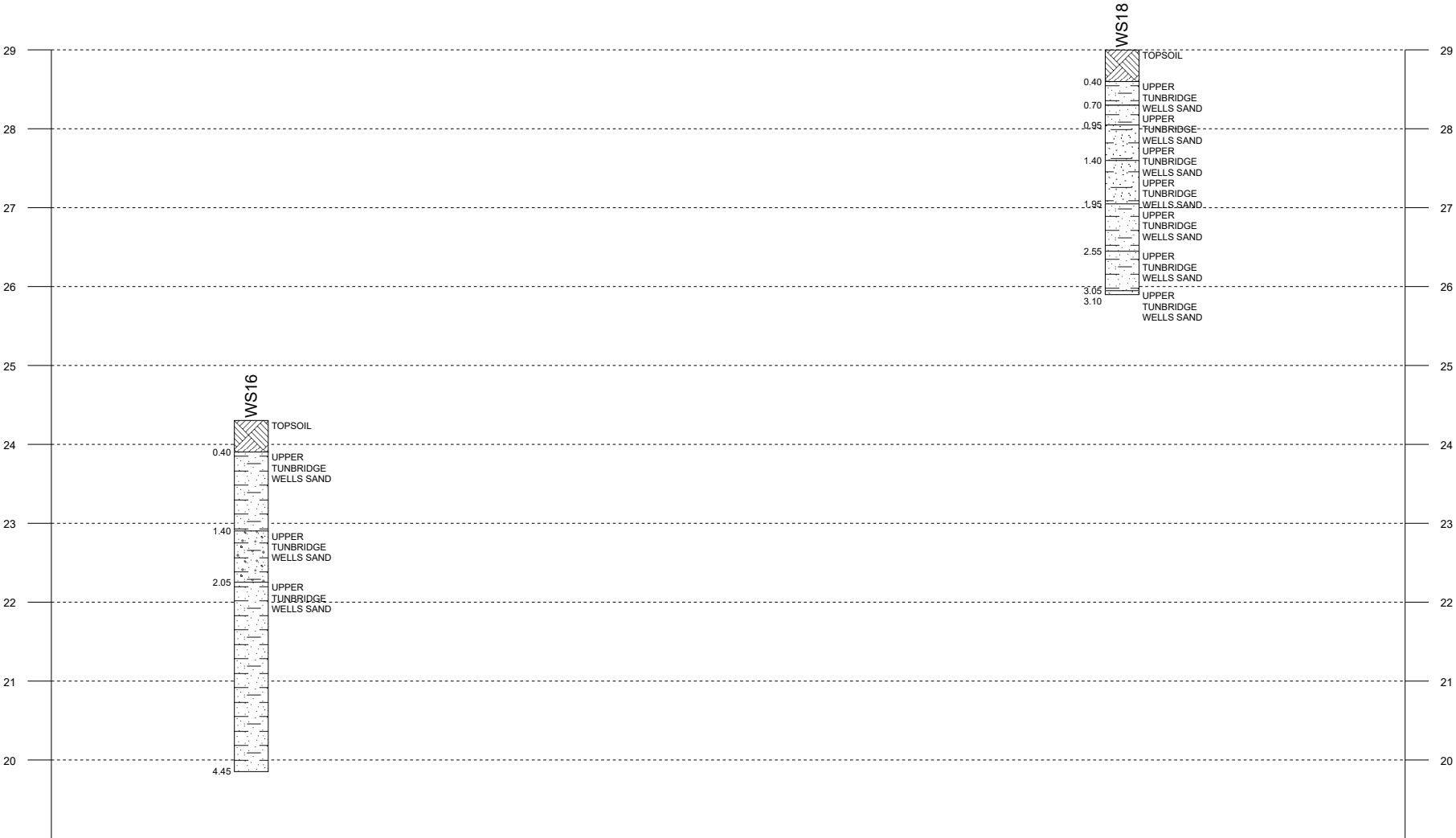
Project Id: GE22035
Project Title: Foxhole Farm, Bolney
Location: Bolney, West Sussex
Client: Wates Developments Limited

Title: Section line 6
Vertical Scale: 1:77
Horizontal Scale: 1:874
Engineer: Anthony



Legend Key

- TOPSOIL
- Sandy CLAY
- Clayey SAND
- SAND
- Sandy gravelly CLAY



Chainage (m)	0.00	6.85	132.12	150.74
Offset (m)		2.29	2.10	
Elevation (mAOD)		24.30	29.00	

APPENDIX C

Preliminary Groundwater/Ground Gas Monitoring Assessment



Project: Foxhole Farm
 Ref: GE22035
 Client: Wates Developments Ltd



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	21/11/23	0	0.0	0.1	21.4	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	10	0.0	0.7	21.2	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	20	0.0	0.7	16.3	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	30	0.0	0.7	14.6	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	0	0.0	0.1	21.1	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	10	0.0	0.1	20.8	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	20	0.0	0.1	19.7	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	30	0.0	0.1	20.4	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	60	0.0	0.0	21.1	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	90	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	120	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	180	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23	0	0.0	0.1	21.5	0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	0	0.0	0.1	21.4	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	10	0.0	0.8	21.3	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	20	0.0	0.9	17.3	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	0	0.0	0.3	21.5	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	10	0.0	1.7	20.3	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	20	0.0	1.7	12.5	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	30	0.0	1.7	11.2	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	60	0.0	1.7	10.9	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	90	0.0	1.8	10.8	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23					0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23					0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	0	0.0	0.1	21.1	2.0	0.3	1021	0.62	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	10	0.0	0.7	21.3	2.0	0.3	1021	0.62	0.000	0.014	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	20	0.0	0.7	21.0	2.0	0.3	1021	0.62	0.000	0.014	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	0	0.0	0.1	21.6	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	10	0.1	3.7	21.5	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	20	0.1	3.8	17.5	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	0	0.0	0.1	21.3	0.1	0.1	1020	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	10	0.1	0.6	20.6	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	20	0.1	0.6	14.9	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	30	0.1	0.6	13.9	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	60	0.1	0.7	13.6	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	90	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	120	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	180	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	0	0.0	0.0	21.3	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	10	0.0	1.0	21.1	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	20	0.2	1.1	19.2	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	30				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	60				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	90				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	120				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	180				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	23	0.0	0.0	21.4	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	10	0.0	0.2	21.3	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	20	0.0	0.2	20.7	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	30	0.0	0.2	20.7	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	60				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	90				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	120				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	180				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	0				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	10				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	20				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	30				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	60				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	90				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	120				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	180				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	0	0.0	0.0	21.5	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	10	0.0	2.7	20.9	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS12	04/12/23	20	0.0	2.8	10.2	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	30	0.0	2.8	5.2	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	60	0.0	2.8	3.9	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	90				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	120				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	180				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	0	0.0	0.0	21.5	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	10	0.0	1.6	18.9	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	20	0.0	1.6	10.3	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	30	0.0	1.6	8.0	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	60	0.0	1.5	6.5	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	90				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	120				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	180				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	0	0.0	0.0	21.6	0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	10	0.0	1.5	21.6	0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	20				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	30				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	60				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	90				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	120				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	180				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	0	0.0	0.0	21.6	0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	10	0.0	4.6	21.3	0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	20				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	30				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	60				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	90				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	120				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	180				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	0	0.0	0.0	21.6	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	10	0.0	1.7	21.1	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	20	0.0	1.5	17.6	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	30	0.0	1.4	17.0	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	60	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	90	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	120	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	180	0.0	1.0	17.1	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Max values			0.2	4.6	21.6	2.0	3.5	1022.0	2.0	0.004	0.092	CS1	CS2	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Min Vaules			0.0	0.0	3.9	0.0	0.0	991.0	0.0	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
BH Flow LoD check			0.2	4.6	21.6	0.1	-	-	-	0.000	0.005	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

APPENDIX D

Geotechnical Laboratory Results





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Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
Telephone: (01424) 718618

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info@elab-uk.co.uk

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 23-51335

Issue: 1

Date of Issue: 07/12/2023

Contact: James Phaure

Customer Details: K4 Soils Laboratory Ltd
Unit 8
Watford
Hertfordshire WD18 9RU

Quotation No: Q22-03477

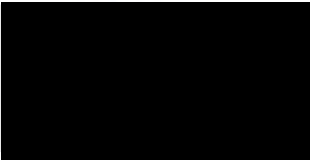
Order No: 34419

Customer Reference: 34419

Date Received: 30/11/2023

Date Approved: 07/12/2023

Details: Foxhole Farm, Bolney

Approved by: 

Tim Reeve, Quality Officer

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

This report may only be reproduced in full



Sample Summary

Report No.: 23-51335, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
346797	WS02 3 1.50	Not Provided	30/11/2023	Silty loam	a
346798	WS10 4 2.00	Not Provided	30/11/2023	Silty loam	a
346799	WS13 2 1.00	Not Provided	30/11/2023	Clayey loam	a
346800	WS15 3 1.50	Not Provided	30/11/2023	Clayey loam	a



2683



Results Summary

Report No.: 23-51335, issue number 1

ELAB Reference				346797	346798	346799	346800
Customer Reference				3	4	2	3
Sample ID							
Sample Type				SOIL	SOIL	SOIL	SOIL
Sample Location				WS02	WS10	WS13	WS15
Sample Depth (m)				1.50	2.00	1.00	1.50
Sampling Date				Not Provided	Not Provided	Not Provided	Not Provided
Determinand	Codes	Units	LOD				
Soil sample preparation parameters							
Moisture Content	N	%	0.1	10.3	11.6	16.3	13.0
Stones Content	N	%	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Material removed	N	%	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	None	None	None	None
Anions							
Water Soluble Chloride	M	mg/kg	40	< 40	< 40	< 40	< 40
Water Soluble Nitrate	M	mg/kg	40	< 40	< 40	< 40	< 40
Water Soluble Sulphate	M	g/l	0.02	< 0.02	< 0.02	< 0.02	< 0.02
Water Soluble Sulphate	M	mg/kg	40	< 40	< 40	< 40	< 40
Inorganics							
Ammonia as NH ₄	N	mg/kg	0.1	< 0.1	< 0.1	1.5	< 0.1
Total Sulphur	N	%	0.01	0.01	0.01	< 0.01	< 0.01
Acid Soluble Sulphate (SO ₄)	U	%	0.02	0.05	0.04	0.02	0.02
Miscellaneous							
pH	M	pH units	0.1	7.2	6.1	6.7	6.9



Method Summary

Report No.: 23-51335, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
pH	M	Air dried sample	07/12/2023	113	Electromeric
Acid Soluble Sulphate	U	Air dried sample	06/12/2023	115	Ion Chromatography
Ammonia in soil	N	As submitted sample	07/12/2023	138	Colorimetry
Water soluble anions	M	Air dried sample	04/12/2023	172	Ion Chromatography
Total organic carbon/Total sulphur	N	Air dried sample	01/12/2023	216	IR

Tests marked N are not UKAS accredited

Report Information

Report No.: 23-51335, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination. Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed. ELAB are unable to provide an interpretation or opinion on the content of this report. The results relate only to the sample received. PCB congener results may include any coeluting PCBs Uncertainty of measurement for the determinands tested are available upon request Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month
 All water samples will be retained for 7 days following the date of the test report
 Charges may apply to extended sample storage

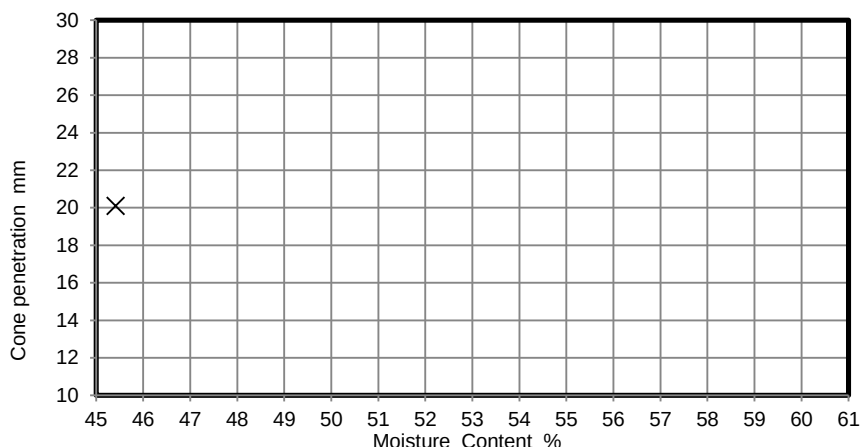
TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	34419		
	Borehole/Pit No.		
Site Name	Foxhole Farm, Bolney		
Project No.	GE22035	Client	GESL
Soil Description	Brown and light grey silty CLAY with frequent strongly cemented sub-angular claystone fragments		



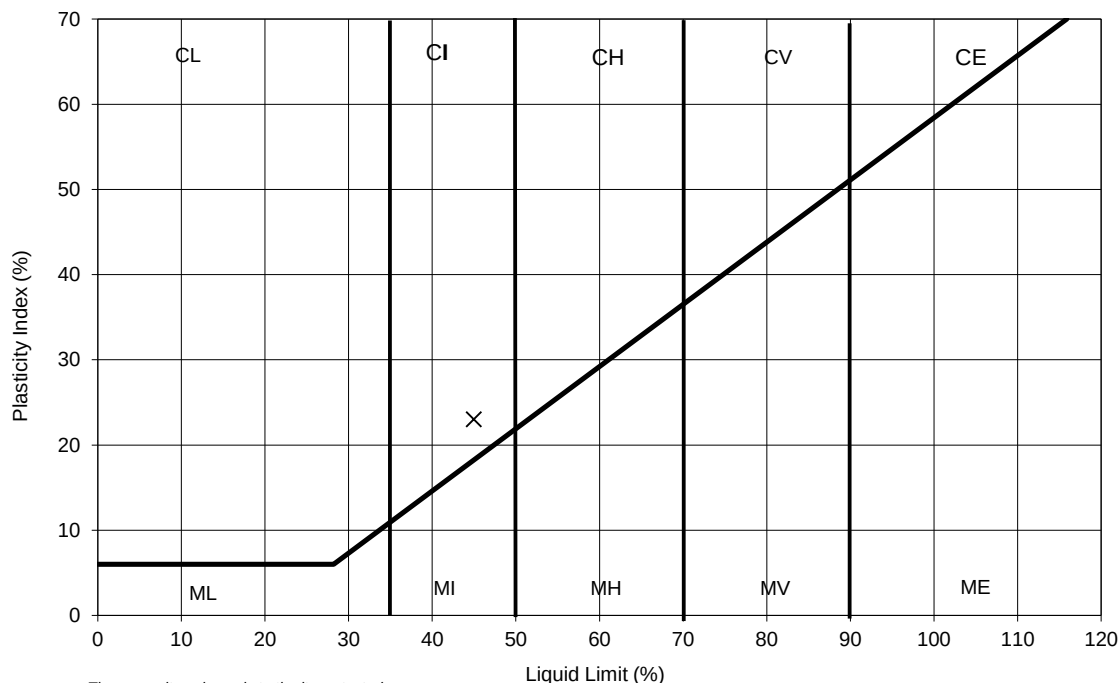
NATURAL MOISTURE CONTENT	15	%
% PASSING 425µm SIEVE	67	%
LIQUID LIMIT	45	%
PLASTIC LIMIT	22	%
PLASTICITY INDEX	23	%

Remarks

Sample washed to obtain test fraction

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



These results only apply to the items tested

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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS03

Site Name Foxhole Farm, Bolney

Sample No. 2

Project No. GE22035

Client

GESL

Depth Top m 1.00

Soil Description

Yellowish brown, light grey and greyish brown mottled slightly sandy silty CLAY

Depth Base m -

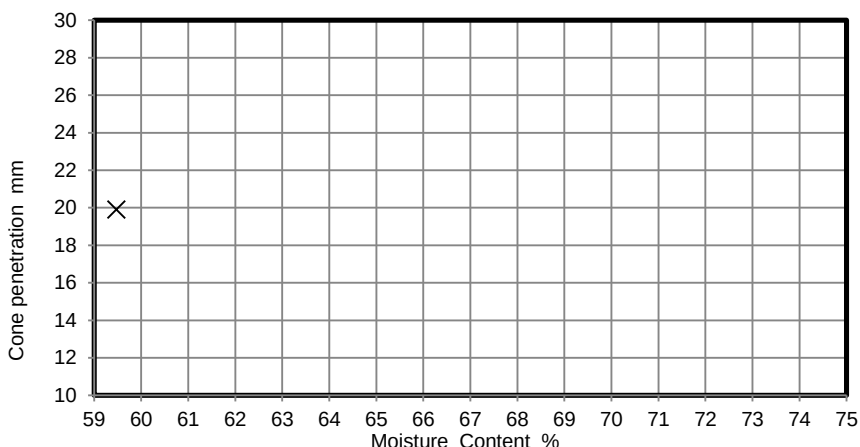
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

25

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

60

%

PLASTIC LIMIT

25

%

PLASTICITY INDEX

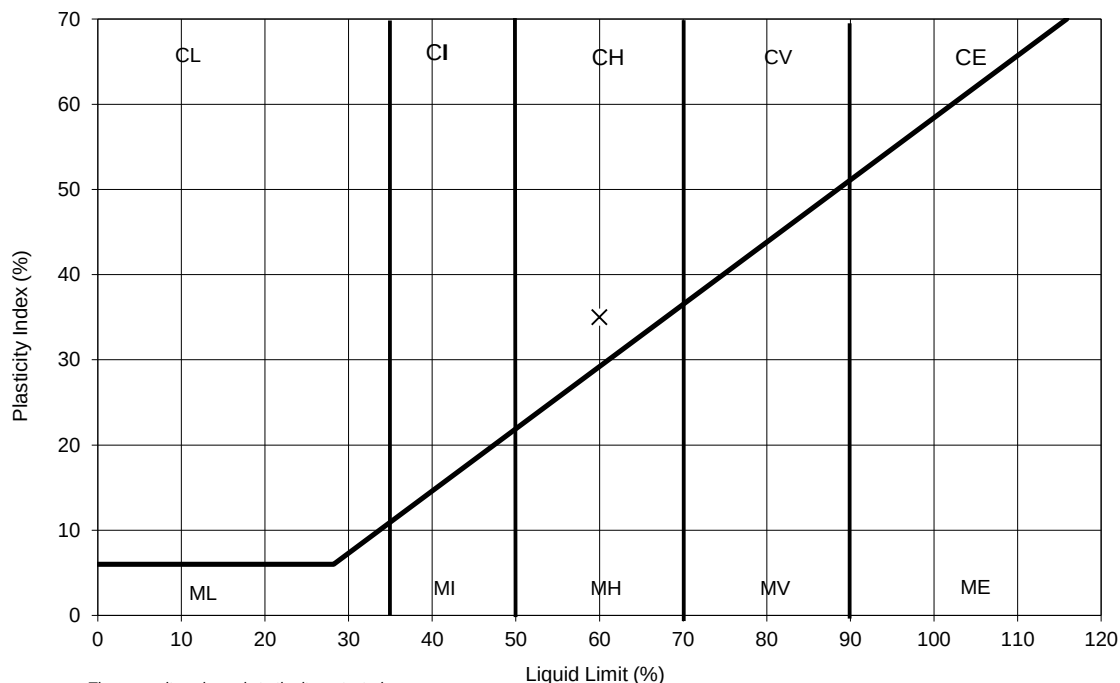
35

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

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LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS03

Site Name Foxhole Farm, Bolney

Sample No. 4

Project No. GE22035

Client

GESL

Depth Top m 2.00

Soil Description

Greyish brown and light grey mottled slightly sandy silty CLAY

Depth Base m -

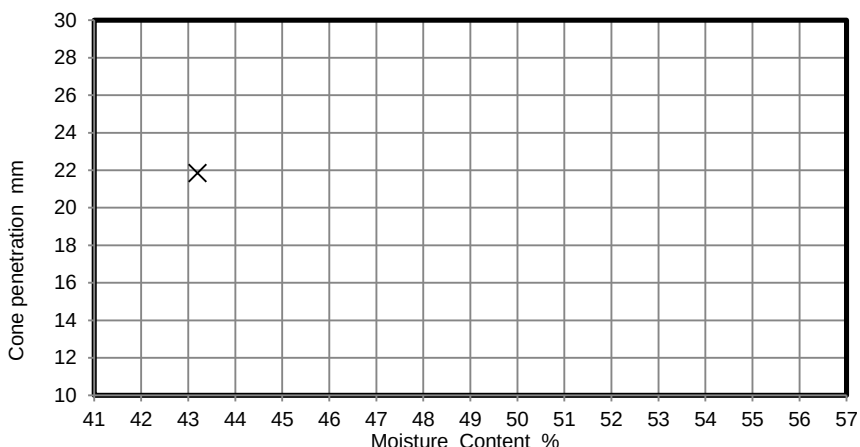
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

19

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

42

%

PLASTIC LIMIT

25

%

PLASTICITY INDEX

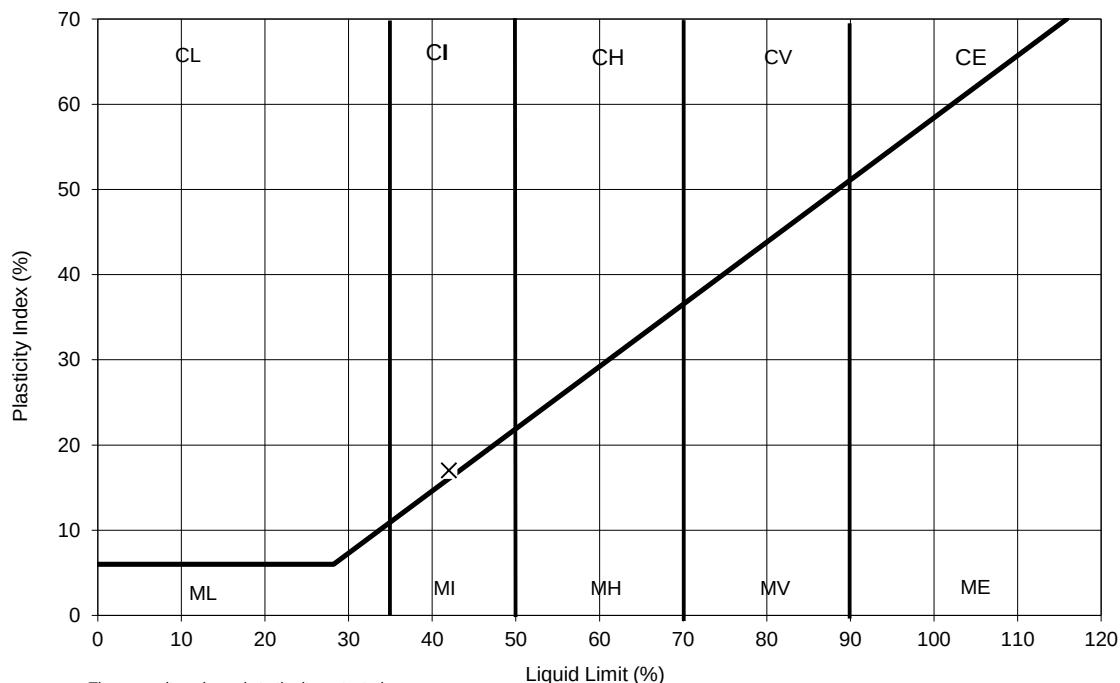
17

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

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Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS10

Site Name Foxhole Farm, Bolney

Sample No. 4

Project No. GE22035

Client

GESL

Depth Top m 2.00

Soil Description

Brown and greyish brown slightly sandy silty CLAY

Depth Base m -

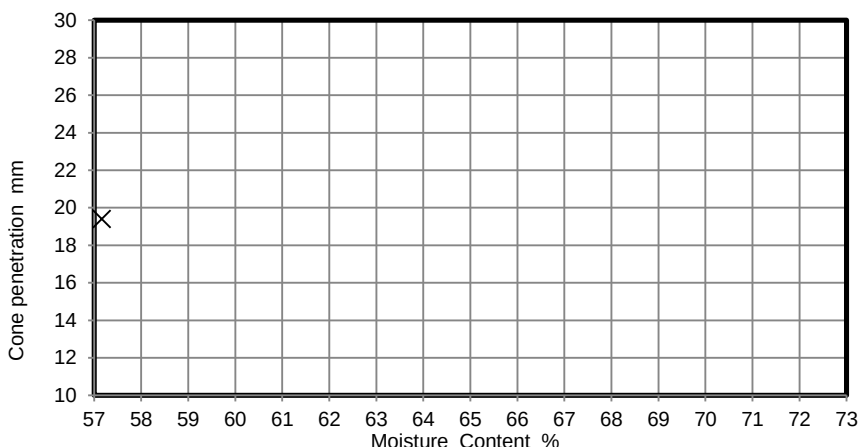
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 04/12/2023



NATURAL MOISTURE CONTENT

15

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

58

%

PLASTIC LIMIT

24

%

PLASTICITY INDEX

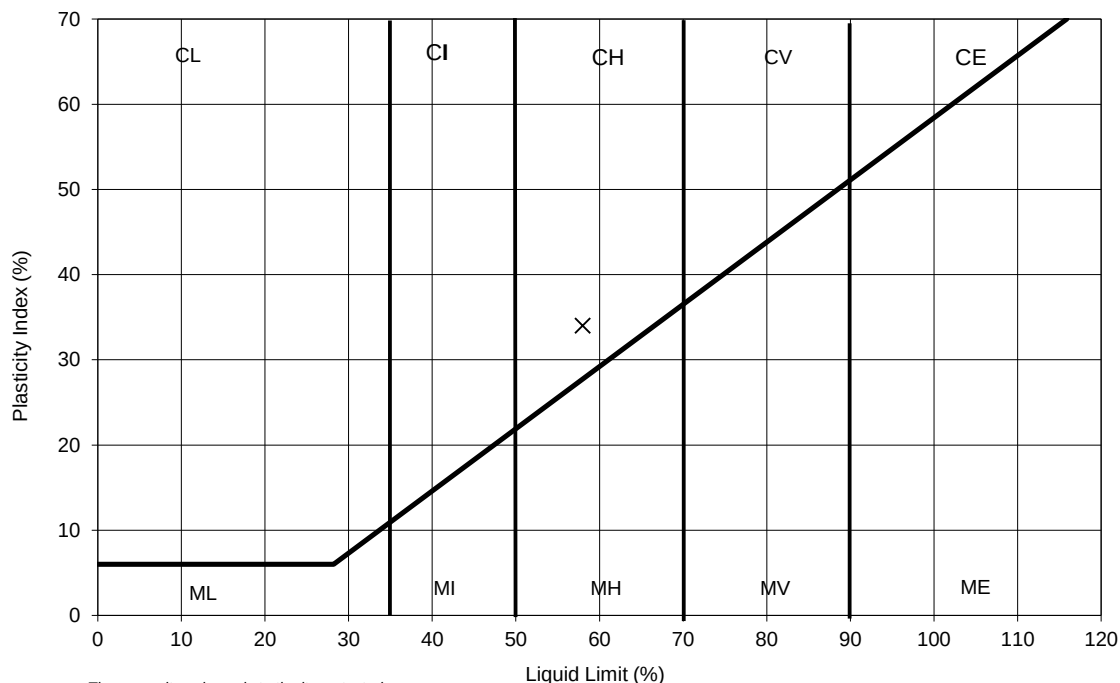
34

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

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Checked and Approved

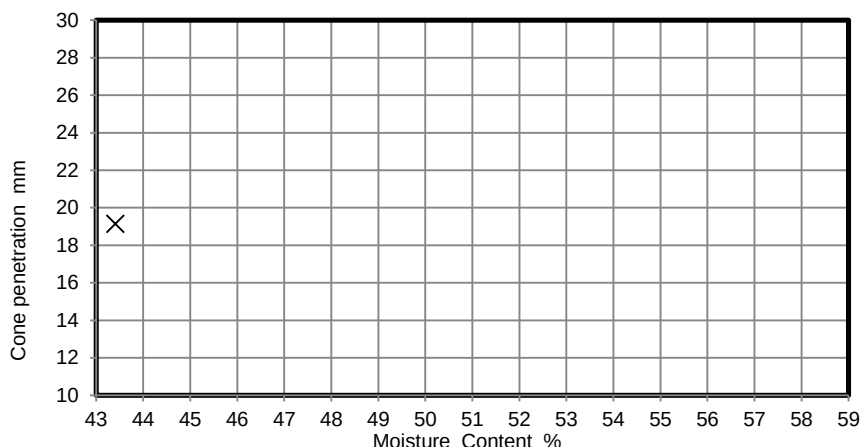
Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX			Job No.	34419
				Borehole/Pit No.	WS12
Site Name	Foxhole Farm, Bolney			Sample No.	2
Project No.	GE22035	Client	GESL	Depth Top m	1.00
Soil Description	Yellowish brown and light grey slightly gravelly slightly sandy silty CLAY (gravel is fm and angular to sub-angular)			Depth Base m	-
				Sample Type	D
				Samples received	16/11/2023
				Schedules received	14/11/2023
				Project Started	17/11/2023
				Date Tested	04/12/2023

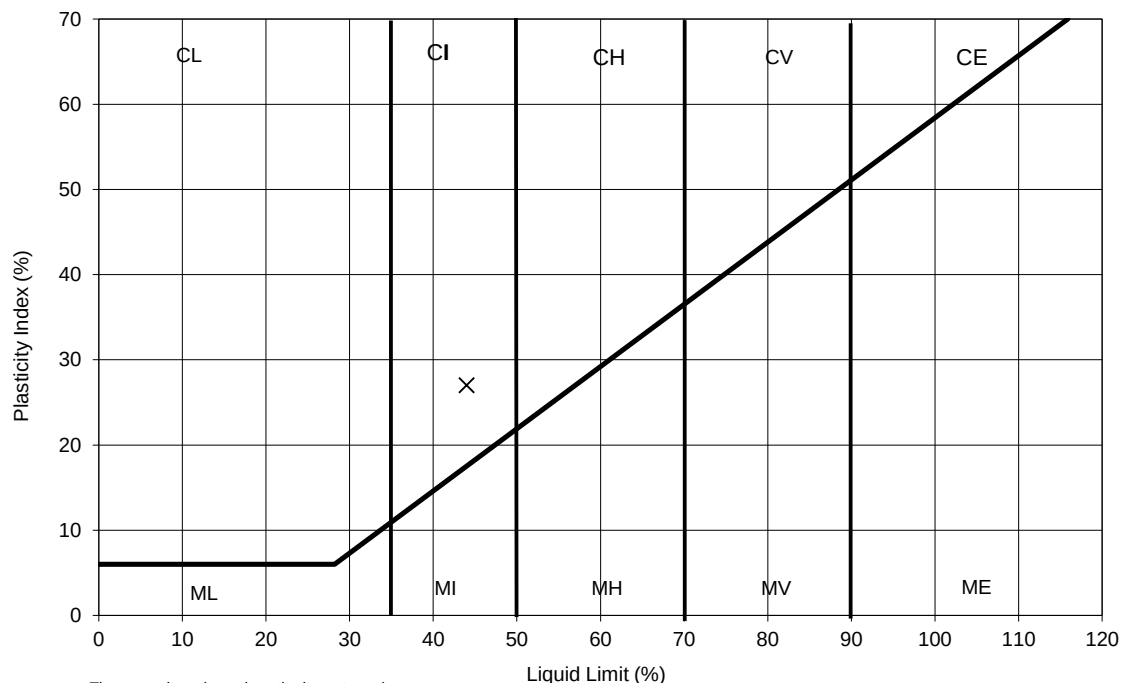


NATURAL MOISTURE CONTENT	20	%
% PASSING 425µm SIEVE	97	%
LIQUID LIMIT	44	%
PLASTIC LIMIT	17	%
PLASTICITY INDEX	27	%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

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Checked and Approved

Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS13

Site Name Foxhole Farm, Bolney

Sample No. 2

Project No. GE22035

Client

GESL

Depth Top m 1.00

Soil Description

Light grey and yellowish brown mottled slightly sandy silty CLAY

Depth Base m -

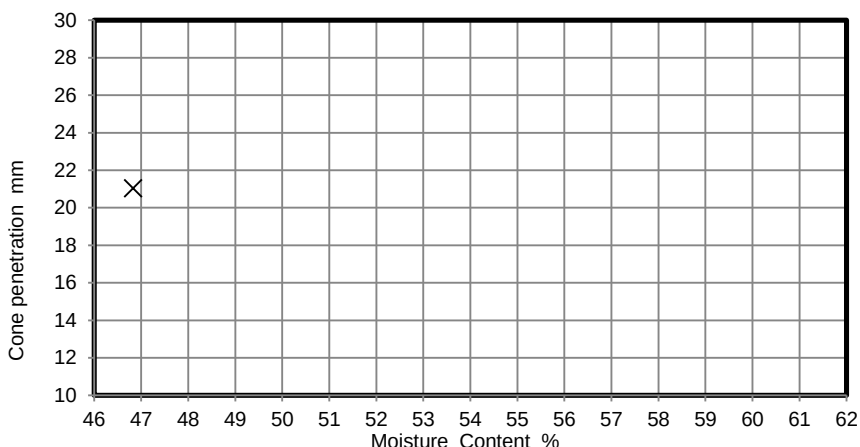
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

22

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

46

%

PLASTIC LIMIT

21

%

PLASTICITY INDEX

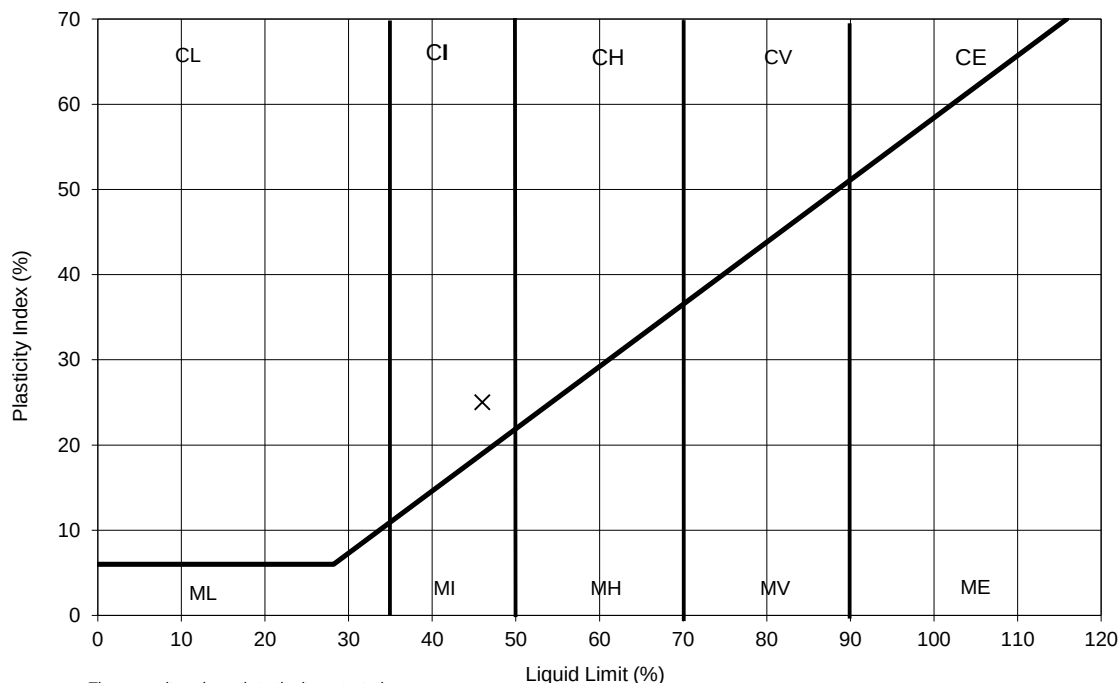
25

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

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Checked and Approved

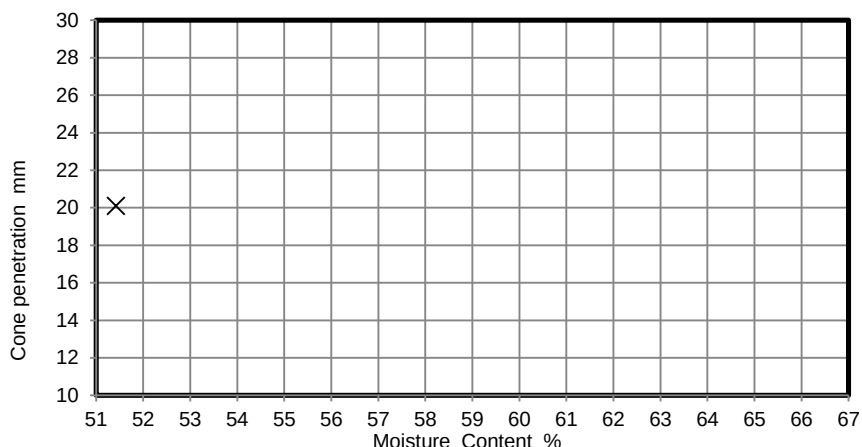
Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX			Job No.	34419
				Borehole/Pit No.	WS13
Site Name	Foxhole Farm, Bolney			Sample No.	4
Project No.	GE22035	Client	GESL	Depth Top m	2.00
Soil Description	Yellowish brown, grey and light grey mottled slightly sandy silty CLAY			Depth Base m	-
				Sample Type	D
				Samples received	16/11/2023
				Schedules received	14/11/2023
				Project Started	17/11/2023
				Date Tested	05/12/2023

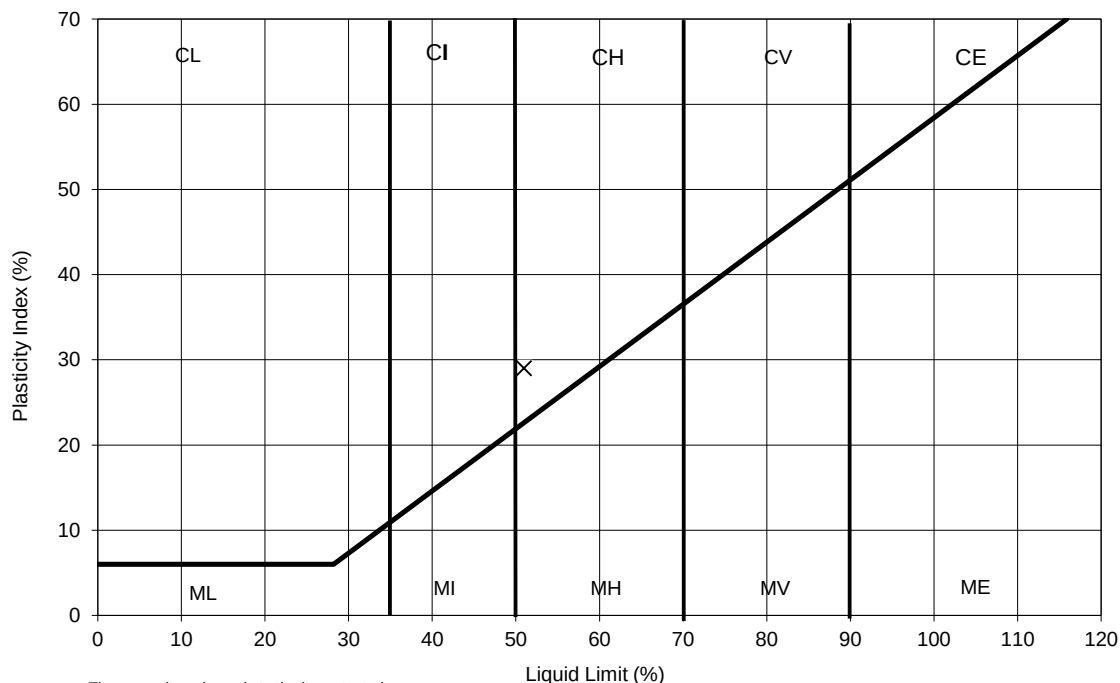


NATURAL MOISTURE CONTENT	17	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	51	%
PLASTIC LIMIT	22	%
PLASTICITY INDEX	29	%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

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Checked and Approved

Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS15

Site Name Foxhole Farm, Bolney

Sample No. 2

Project No. GE22035

Client

GESL

Depth Top m 1.00

Soil Description

Brown sandy gravelly silty CLAY (gravel is fmc and angular to sub-angular)

Depth Base m -

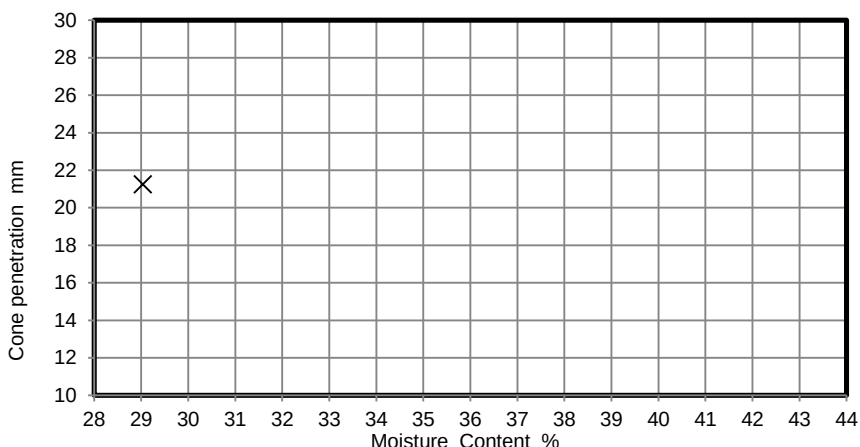
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

17

%

% PASSING 425µm SIEVE

48

%

LIQUID LIMIT

28

%

PLASTIC LIMIT

16

%

PLASTICITY INDEX

12

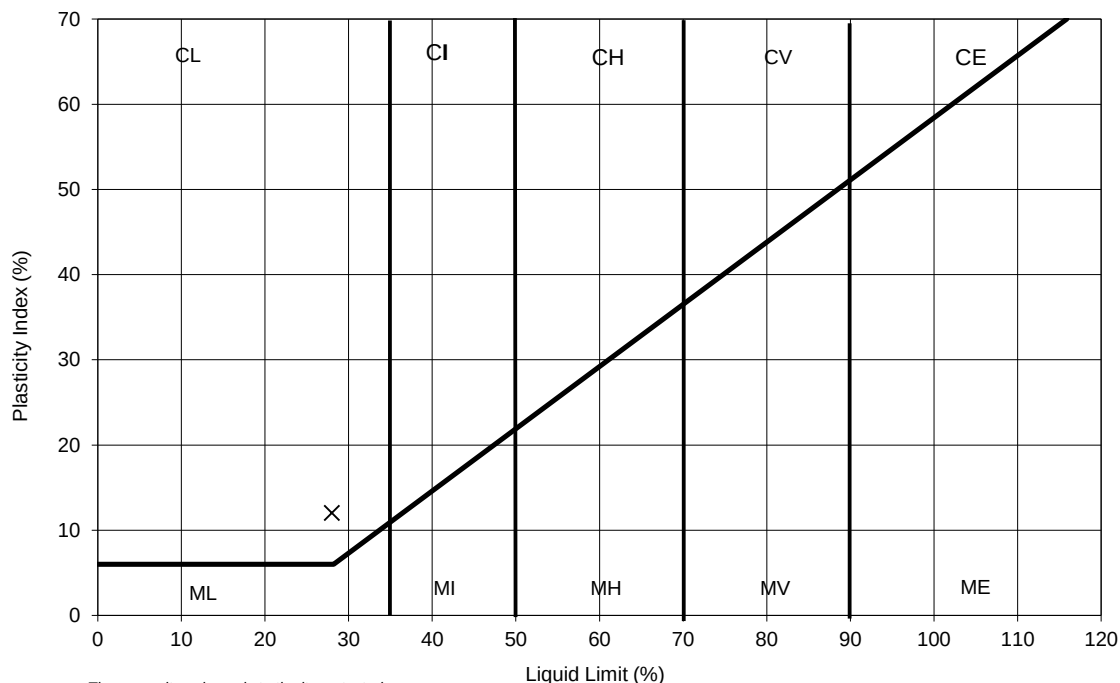
%

Remarks

Sample washed to obtain test fraction

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

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BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS15

Site Name Foxhole Farm, Bolney

Sample No. 3

Project No. GE22035

Client

GESL

Depth Top m 1.50

Soil Description

Brown slightly sandy slightly gravelly silty CLAY (gravel is fmc and angular to sub-angular)

Depth Base m -

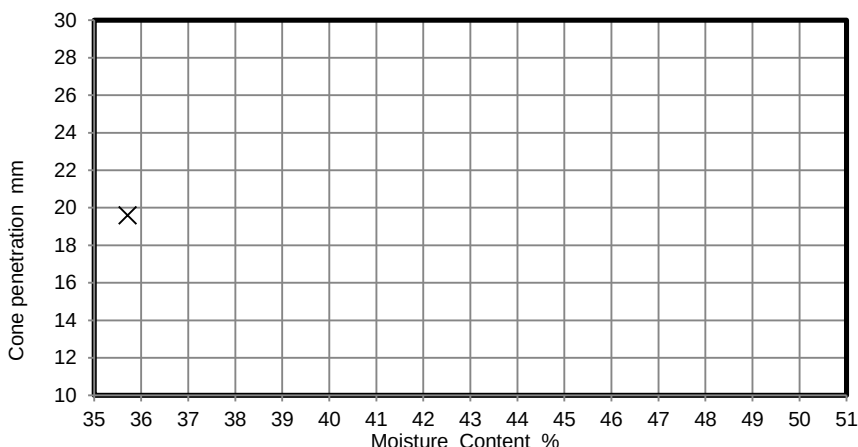
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

15

%

% PASSING 425µm SIEVE

85

%

LIQUID LIMIT

36

%

PLASTIC LIMIT

17

%

PLASTICITY INDEX

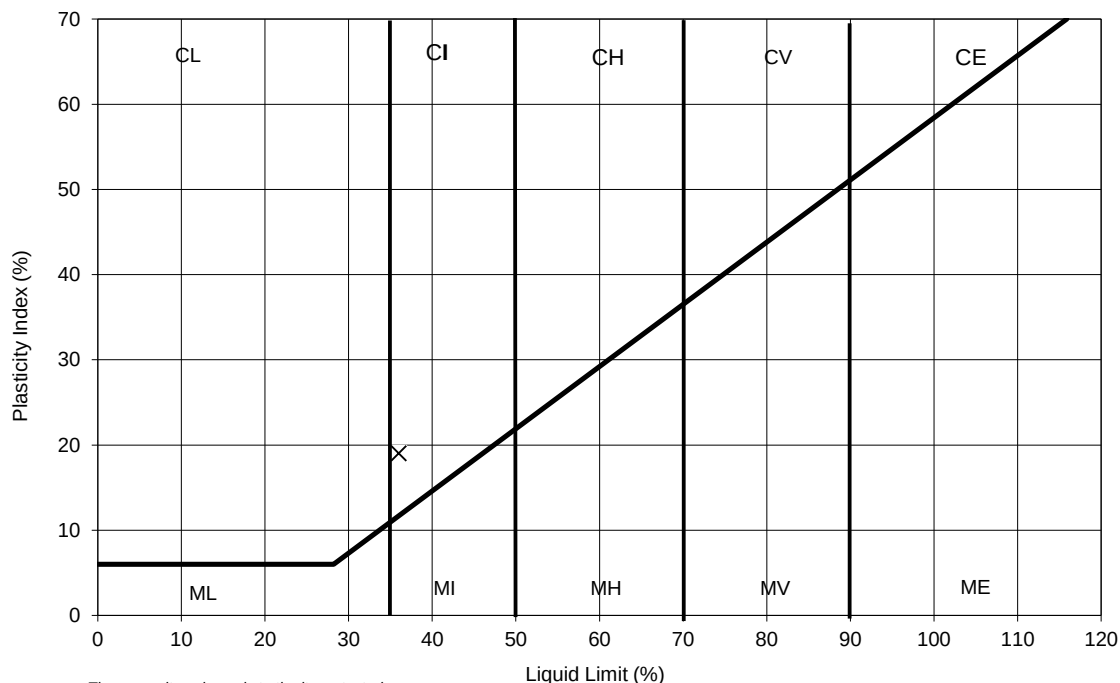
19

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



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TEST METHOD

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BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

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Checked and Approved

Initials: J.P

Date: 12/12/2023



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS16

Site Name Foxhole Farm, Bolney

Sample No. 2

Project No. GE22035

Client

GESL

Depth Top m 1.00

Soil Description

Yellowish brown and light grey mottled silty CLAY with frequent brown flecks (decayed rootlets)

Depth Base m -

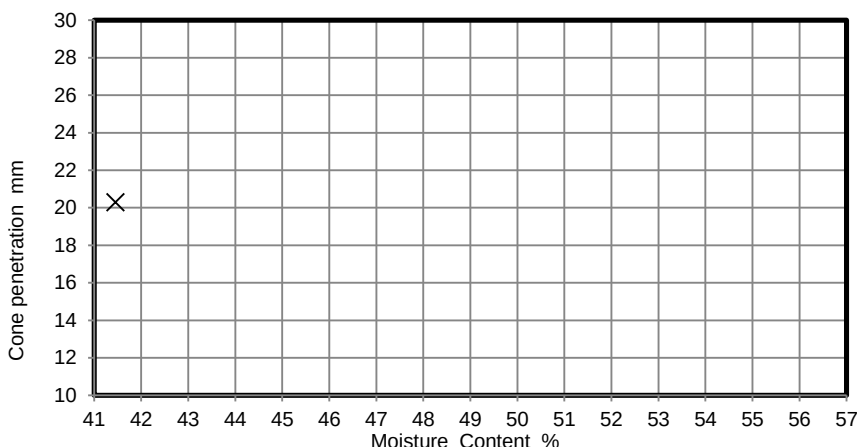
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 04/12/2023



NATURAL MOISTURE CONTENT

25

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

41

%

PLASTIC LIMIT

16

%

PLASTICITY INDEX

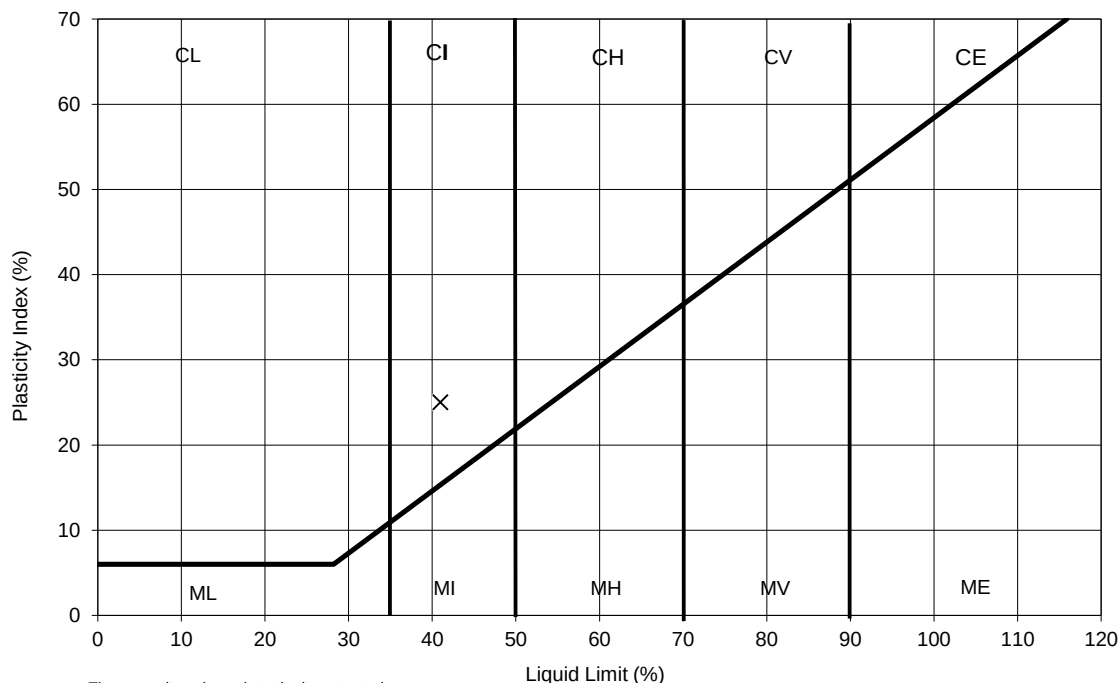
25

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



These results only apply to the items tested

NOTE: The report shall not be reproduced except in full without authority of the laboratory

TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 12/12/2023

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2





LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34419

Borehole/Pit No. WS18

Site Name Foxhole Farm, Bolney

Sample No. 4

Project No. GE22035

Client

GESL

Depth Top m 2.00

Soil Description

Brown and light grey mottled slightly sandy silty CLAY

Depth Base m -

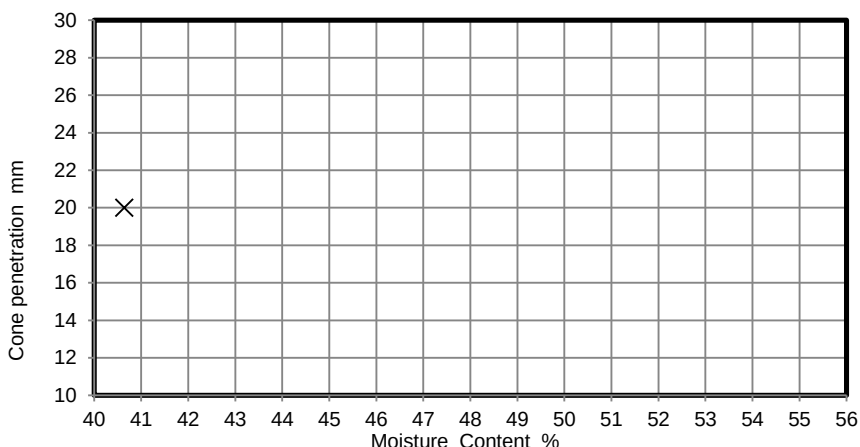
Sample Type D

Samples received 16/11/2023

Schedules received 14/11/2023

Project Started 17/11/2023

Date Tested 05/12/2023



NATURAL MOISTURE CONTENT

15

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

41

%

PLASTIC LIMIT

15

%

PLASTICITY INDEX

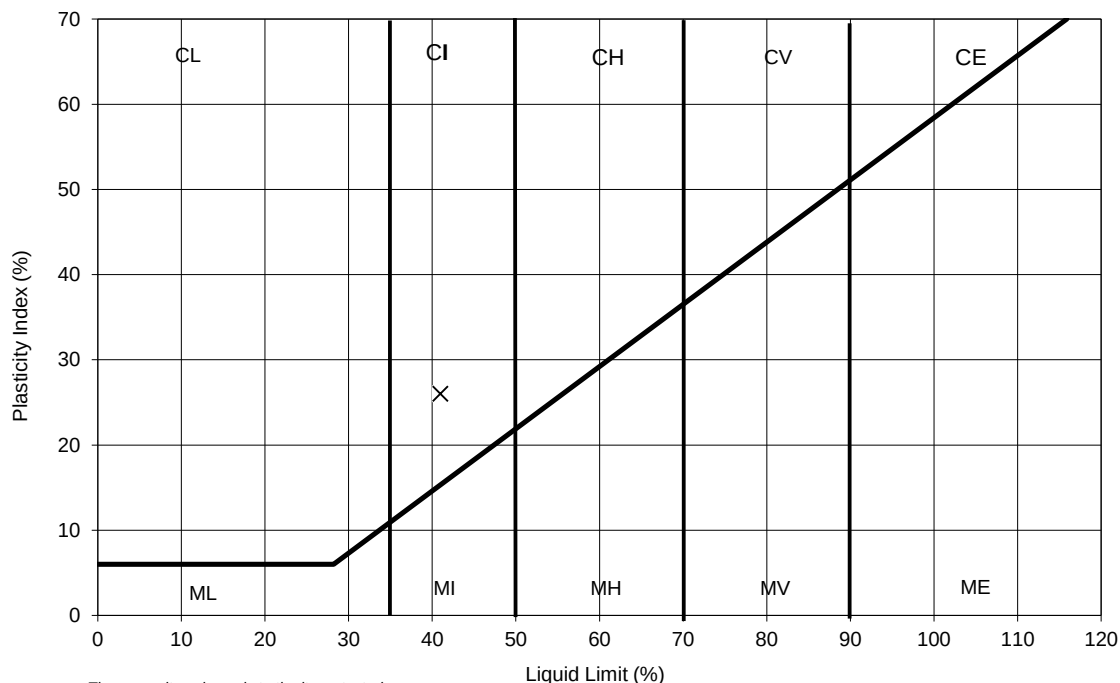
26

%

Remarks

Factors corresponding to the cone penetration and moisture content range in Table 1 (BS1377:1990 ; Part 2)

PLASTICITY INDEX



These results only apply to the items tested

NOTE: The report shall not be reproduced except in full without authority of the laboratory

TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 12/12/2023

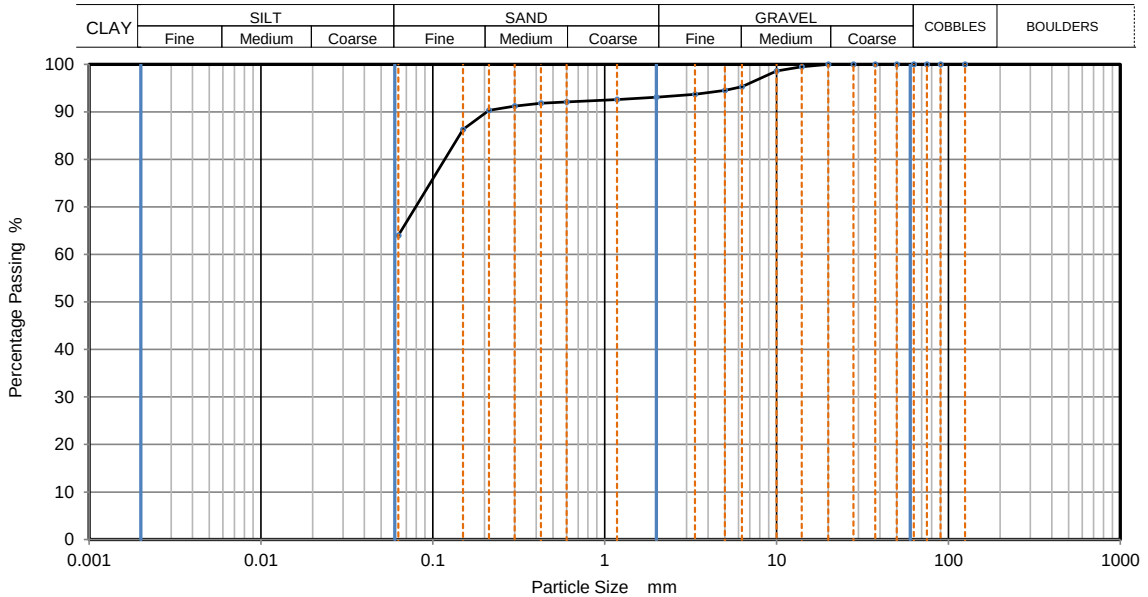
					Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results						
Job No.		Project Name				Programme					
34419		Foxhole Farm, Bolney				Samples received		16/11/2023			
Project No.		Client				Schedule received		14/11/2023			
GE22035		GESL				Project started		17/11/2023			
						Testing Started		04/12/2023			
Hole No.	Sample				Soil Description	NMC %	Passing 425µm %	LL %	PL %	PI %	Remarks
	Ref	Top m	Base m	Type							
WS02	3	1.50	-	D	Brown and light grey silty CLAY with frequent strongly cemented sub-angular claystone fragments	15	67	45	22	23	Sample washed to obtain test fraction
WS03	2	1.00	-	D	Yellowish brown, light grey and greyish brown mottled slightly sandy silty CLAY	25	100	60	25	35	
WS03	4	2.00	-	D	Greyish brown and light grey mottled slightly sandy silty CLAY	19	100	42	25	17	
WS10	4	2.00	-	D	Brown and greyish brown slightly sandy silty CLAY	15	100	58	24	34	
WS12	2	1.00	-	D	Yellowish brown and light grey slightly gravelly slightly sandy silty CLAY (gravel is fm and angular to sub-angular)	20	97	44	17	27	
WS13	2	1.00	-	D	Light grey and yellowish brown mottled slightly sandy silty CLAY	22	100	46	21	25	
WS13	4	2.00	-	D	Yellowish brown, grey and light grey mottled slightly sandy silty CLAY	17	100	51	22	29	
WS15	2	1.00	-	D	Brown sandy gravelly silty CLAY (gravel is fmc and angular to sub-angular)	17	48	28	16	12	Sample washed to obtain test fraction
WS15	3	1.50	-	D	Brown slightly sandy slightly gravelly silty CLAY (gravel is fmc and angular to sub-angular)	15	85	36	17	19	
WS16	2	1.00	-	D	Yellowish brown and light grey mottled silty CLAY with frequent brown flecks (decayed rootlets)	25	100	41	16	25	
WS18	4	2.00	-	D	Brown and light grey mottled slightly sandy silty CLAY	15	100	41	15	26	

	Test Methods: BS1377: Part 2: 1990: Natural Moisture Content : clause 3.2 Atterberg Limits: clause 4.3 and 5.0 <i>These results only apply to the items tested</i>	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU Tel: 01923 711 288 Email: James@k4soils.com	Checked and Approved Initials J.P Date: 12/12/2023
	NOTE: The report shall not be reproduced except in full without authority of the laboratory		
	2519		Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)
	MSF-5-R1(b)		



PARTICLE SIZE DISTRIBUTION

	PARTICLE SIZE DISTRIBUTION			Job Ref	34419	
				Borehole/Pit No.	WS18	
Site Name	Foxhole Farm, Bolney			Sample No.	2	
Project No.	GE22035	Client	GESL	Depth Top	1.00	m
Soil Description	Orangish brown sandy SILT with occasional orangish brown and grey sandy silty clay lumps, fine rootlets and occasional fm siltstone fragments			Depth Base	-	m
				Sample Type	D	
				Samples received	16/11/2023	
				Schedules received	14/11/2023	
Test Method	BS1377:Part 2: 1990, clause 9.0			Project started	17/11/2023	
These results only apply to the items tested				Date tested	30/11/2023	



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	99		
6.3	95		
5	95		
3.35	94		
2	93		
1.18	93		
0.6	92		
0.425	92		
0.3	91		
0.212	90		
0.15	86		
0.063	64		

Sample Proportions	% dry mass
Very coarse	0.00
Gravel	6.92
Sand	29.06
Fines <0.063mm	64.02

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks
Preparation and testing in accordance with BS1377 unless noted below

NOTE: The report shall not be reproduced except in full without approval of the laboratory



K4 Soils Laboratory

Unit 8, Olds Close, Watford, Herts, WD18 9RU

Email: james@k4soils.com

Tel: 01923 711288

Checked and Approved

Initials: J.P

Date: 12/12/2023

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5-R3

APPENDIX E

Chemical Test Results & Hazwaste Classification





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Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
Telephone: (01424) 718618

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info@elab-uk.co.uk

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 23-51057

Issue: 1

Date of Issue: 21/11/2023

Contact: Jonathan Tingley

Customer Details: GESL
Unit 7
Danworth Farm
Hurstpierpoint
West Sussex BN6 9GL

Quotation No: Q22-03510

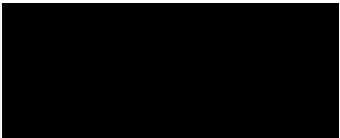
Order No: PO7008

Customer Reference: GE22035

Date Received: 13/11/2023

Date Approved: 21/11/2023

Details: Foxhole Farm

Approved by: 

Ben Rees, Customer Services Assistant

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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Sample Summary

Report No.: 23-51057, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
345203	WS12 0.10	Not Provided	13/11/2023	Silty loam	a
345204	WS12 0.50	Not Provided	13/11/2023		a
345205	WS03 0.10	Not Provided	13/11/2023	Silty loam	a
345206	WS03 0.50	Not Provided	13/11/2023	Silty loam	a
345207	WS10 0.10	Not Provided	13/11/2023	Silty loam	a
345208	WS10 0.50	Not Provided	13/11/2023		a
345209	WS02 0.10	Not Provided	13/11/2023	Silty loam	a
345210	WS02 0.50	Not Provided	13/11/2023		a
345211	WS13 0.10	Not Provided	13/11/2023	Silty loam	a
345212	WS13 0.50	Not Provided	13/11/2023		a
345213	WS18 0.10	Not Provided	13/11/2023	Silty loam	a
345214	WS18 0.50	Not Provided	13/11/2023		a
345215	WS16 0.10	Not Provided	13/11/2023	Silty loam	a
345216	WS16 0.50	Not Provided	13/11/2023		a
345217	WS15 0.10	Not Provided	13/11/2023	Silty loam	a
345218	WS15 0.50	Not Provided	13/11/2023		a



Results Summary

Report No.: 23-51057, issue number 1

ELAB Reference	345203	345205	345206	345207	345209	345211	345213	345215	345217
Customer Reference									
Sample ID									
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS12	WS03	WS03	WS10	WS02	WS13	WS18	WS16	WS15
Sample Depth (m)	0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided

Determinand	Codes	Units	LOD									
Soil sample preparation parameters												
Moisture Content	N	%	0.1	19.9	19.6	17.8	23.4	19.8	14.4	15.3	20.7	23.6
Material removed	N	%	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	None	None	None	None	None	None	None	None	None
Metals												
Antimony	N	mg/kg	0.5	n/t	n/t	1.2	n/t	n/t	n/t	n/t	n/t	n/t
Arsenic	M	mg/kg	0.5	7.2	15.5	16.6	9.0	6.4	6.8	7.1	6.5	5.2
Barium	U	mg/kg	1	n/t	n/t	104	n/t	n/t	n/t	n/t	n/t	n/t
Beryllium	M	mg/kg	0.5	< 0.5	1.6	2.8	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	M	mg/kg	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium	M	mg/kg	1	13.5	25.8	37.7	17.3	18.7	12.1	11.9	11.1	10.7
Copper	M	mg/kg	4	13.7	22.5	24.4	15.7	14.7	12.3	11.7	9.8	9.0
Lead	M	mg/kg	1	28.2	27.8	21.8	23.2	19.9	20.0	21.7	24.7	22.2
Mercury	M	mg/kg	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Molybdenum	M	mg/kg	1	n/t	n/t	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t
Nickel	M	mg/kg	1	7.8	17.6	32.1	10.4	11.3	6.8	8.9	8.3	8.8
Selenium	M	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium	M	mg/kg	0.5	19.2	38.6	44.6	25.3	26.8	17.9	18.7	16.5	16.0
Zinc	M	mg/kg	4.5	44.5	64.8	67.2	48.2	43.0	34.8	51.4	35.6	34.9
Anions												
Water Soluble Chloride	M	mg/kg	40	73	44	n/t	< 40	< 40	77	43	43	44
Water Soluble Sulphate	M	g/l	0.02	0.02	< 0.02	n/t	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Inorganics												
Elemental Sulphur	M	mg/kg	20	< 20	< 20	n/t	< 20	< 20	< 20	< 20	< 20	< 20
Free Cyanide	N	mg/kg	1	n/t	n/t	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2	< 2	< 2	n/t	< 2	< 2	< 2	< 2	< 2	< 2
Total Cyanide	M	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.04	0.03	n/t	0.04	0.03	0.04	< 0.02	0.03	0.04
Water Soluble Boron	N	mg/kg	0.5	0.8	0.7	< 0.5	1.0	0.8	0.9	0.6	0.9	0.9



Results Summary

Report No.: 23-51057, issue number 1

ELAB Reference	345203	345205	345206	345207	345209	345211	345213	345215	345217
Customer Reference									
Sample ID									
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS12	WS03	WS03	WS10	WS02	WS13	WS18	WS16	WS15
Sample Depth (m)	0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided

Determinand	Codes	Units	LOD									
Miscellaneous												
Acid Neutralisation Capacity	N	mol/kg	0.1	n/t	n/t	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t
Loss on Ignition	M	%	0.01	n/t	n/t	5.57	n/t	n/t	n/t	n/t	n/t	n/t
pH	M	pH units	0.1	6.6	6.7	7.3	6.0	6.4	6.0	6.1	6.2	5.8
Total Organic Carbon	N	%	0.01	1.1	0.89	0.25	1.4	0.65	1.1	1.0	1.2	1.5
Organics												
>C8-C10 BCB (EH_1D_Total)	N	mg/kg	1	n/t	n/t	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t
Gas Range Organics (>C6-C10) (HS_1D_MS_Total)	N	mg/kg	0.01	n/t	n/t	0.56	n/t	n/t	n/t	n/t	n/t	n/t
Phenols												
Phenol	M	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
M,P-Cresol	N	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
O-Cresol	N	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
3,4-Dimethylphenol	N	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
2,3-Dimethylphenol	M	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
1-Naphthol	N	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
2,3,5-trimethylphenol	M	mg/kg	1	n/t	n/t	< 1	n/t	n/t	n/t	n/t	n/t	n/t
Total Phenols	N	mg/kg	6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
Polyaromatic hydrocarbons												
Naphthalene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acenaphthylene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acenaphthene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Fluorene	US	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Phenanthrene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	0.02	< 0.02	0.02	0.04	0.05	0.04
Anthracene	US	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Fluoranthene	MS	mg/kg	0.02	0.04	0.02	< 0.02	0.05	0.05	0.09	0.09	0.13	0.10
Pyrene	MS	mg/kg	0.02	0.03	< 0.02	< 0.02	0.04	0.05	0.08	0.07	0.12	0.09
Benzo(a)anthracene	US	mg/kg	0.02	< 0.02	< 0.02	< 0.02	0.03	0.02	0.04	0.04	0.06	0.05
Chrysene	MS	mg/kg	0.02	0.03	< 0.03	< 0.03	0.04	< 0.03	0.06	0.05	0.07	0.07
Benzo(b)fluoranthene	MS	mg/kg	0.02	0.02	< 0.02	< 0.02	0.02	0.02	0.06	0.05	0.07	0.06
Benzo(k)fluoranthene	MS	mg/kg	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.03	0.03	0.05	0.04
Benzo(a)pyrene	US	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04	0.04	0.07	0.05
Indeno(1,2,3-cd)pyrene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.03	0.03	0.05	0.03
Dibenzo(a,h)anthracene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzo(g,h,i)perylene	MS	mg/kg	0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.02	0.04	0.03	0.05	0.04
Coronene	NS	mg/kg	0.02	n/t	n/t	< 0.02	n/t	n/t	n/t	n/t	n/t	n/t
Total PAH(16)	NS	mg/kg	0.34	< 0.34	< 0.34	n/t	< 0.34	< 0.34	< 0.34	0.46	0.73	0.58
Total PAH(16) + Coronene	NS	mg/kg	0.34	n/t	n/t	< 0.36	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 23-51057, issue number 1

ELAB Reference			345203	345205	345206	345207	345209	345211	345213	345215	345217
Customer Reference											
Sample ID											
Sample Type			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location			WS12	WS03	WS03	WS10	WS02	WS13	WS18	WS16	WS15
Sample Depth (m)			0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date			Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided
es	Units	LOD									
	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	1.6	2.0	n/t	< 1.0	1.0	< 1.0	< 1.0	2.2	< 1.0
	mg/kg	1	2.9	1.7	n/t	< 1.0	< 1.0	< 1.0	1.0	1.2	1.5
	mg/kg	1	4.5	3.7	n/t	< 1.0	< 1.0	< 1.0	1.0	3.3	1.5
	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	mg/kg	1	4.5	3.7	n/t	< 1.0	< 1.0	< 1.0	1.0	3.3	1.5
	mg/kg	5	n/t	n/t	24	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	5	n/t	n/t	12	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	5	n/t	n/t	< 5	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.01	n/t	n/t	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t
	mg/kg	0.03	n/t	n/t	< 0.03	n/t	n/t	n/t	n/t	n/t	n/t

Tests marked N are not UKAS accredited.



Results Summary

Report No.: 23-51057, issue number 1

ELAB Reference	345203	345205	345206	345207	345209	345211	345213	345215	345217
Customer Reference									
Sample ID									
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS12	WS03	WS03	WS10	WS02	WS13	WS18	WS16	WS15
Sample Depth (m)	0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided

Determinand	Codes	Units	LOD									
OrganoChlorine Pesticides												
alpha-HCH	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
beta_HCH	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
gamma-HCH	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
delta-HCH	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Heptachlor	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Aldrin	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Heptachlor expoxide	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
trans-Chlordane	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
alpha cis-Chlordane	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
p,p-DDE	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Dieldrin	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Endrin	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
p,p-DDD	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Endosulfan II	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Endrin aldehyde	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
p,p-DDT	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Endosulphan sulphate	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Methoxychlor	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
Endrin ketone	N	ug/kg	10	n/t	< 10	n/t	< 10	n/t	n/t	< 10	n/t	< 10
OrganoPhosphorus Pesticides												
Acephate	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Aziniphos-methyl	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Chlorpyrifos	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Demeton-s-methyl	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Dichlorvos	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Dimethoate	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Ethion	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Malathion	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Mathidathion	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Methamidophos	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Omethoate	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Pirimifos-methyl	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Profenofos	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Pyrazophos	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Tokuthion	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100
Tolclofos-methyl	N	ug/kg	100	n/t	< 100	n/t	< 100	n/t	n/t	< 100	n/t	< 100

Results Summary

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WAC Analysis

Elab Ref:	345206					Landfill Waste Acceptance Criteria Limits*		
Sample Date:						Inert Waste Landfill	Stable Non-reactive Hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:	WS03							
Depth (m)	0.5							
Site:	Foxhole Farm							
Determinand		Code	Units					
Total Organic Carbon		N	%		0.25	3	5	6
Loss on Ignition		M	%		5.6	--	--	10
Total BTEX		M	mg/kg		< 0.01	6	--	--
Total PCBs (7 congeners)		N	mg/kg		< 0.03	1	--	--
TPH Total WAC (EH_CU_1D_Total)		N	mg/kg		24	500	--	--
Total (of 17) PAHs		N	mg/kg		< 2	100	--	--
pH		M			7.3	--	>6	--
Acid Neutralisation Capacity		N	mol/kg		< 0.1	--	To evaluate	To evaluate

Eluate Analysis

			10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg		
			mg/l	mg/kg			
Arsenic		N	< 0.005	< 0.05	0.5	2	25
Barium		N	< 0.005	< 0.05	20	100	300
Cadmium		N	< 0.001	< 0.01	0.04	1	5
Chromium		N	< 0.005	< 0.05	0.5	10	70
Copper		N	< 0.005	< 0.05	2	50	100
Mercury		N	< 0.005	< 0.01	0.01	0.2	2
Molybdenum		N	< 0.005	< 0.05	0.5	10	30
Nickel		N	< 0.001	< 0.05	0.4	10	40
Lead		N	< 0.001	< 0.05	0.5	10	50
Antimony		N	< 0.005	< 0.05	0.06	0.7	5
Selenium		N	< 0.005	< 0.05	0.1	0.5	7
Zinc		N	< 0.005	< 0.05	4	50	200
Chloride		N	< 5	< 50	800	15000	25000
Fluoride		N	< 5	< 10	10	150	500
Sulphate		N	2	19.50	1000	20000	50000
Total Dissolved Solids		N	14	142.00	4000	60000	100000
Phenol Index		N	< 0.01	< 0.10	1	-	-
Dissolved Organic Carbon		N		75.00	500	800	1000

Leach Test Information

pH		N	8.1				
Conductivity (uS/cm)		N	< 50				
Dry mass of test portion (g)			101.000				
Dry Matter (%)			79				
Moisture (%)			27				
Eluent Volume (ml)			960				

Results are expressed on a dry weight basis, after correction for moisture content where applicable

* Stated limits are for guidance only, and not for conformity assessment.



Unit A2, Windmill Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex, TN38 9BY

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Results Summary

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Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
345203	0.10	WS12	Brown soil, clinker	No asbestos detected	n/t	n/t	n/t	n/t
345205	0.10	WS03	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
345206	0.50	WS03	Brown soil, clinker	No asbestos detected	n/t	n/t	n/t	n/t
345207	0.10	WS10	Brown soil, stones, organics	No asbestos detected	n/t	n/t	n/t	n/t
345209	0.10	WS02	Brown soil	No asbestos detected	n/t	n/t	n/t	n/t
345211	0.10	WS13	Brown soil, stones, clinker	No asbestos detected	n/t	n/t	n/t	n/t
345213	0.10	WS18	Brown soil, stones, organics	No asbestos detected	n/t	n/t	n/t	n/t
345215	0.10	WS16	Brown soil, clinker, organics	No asbestos detected	n/t	n/t	n/t	n/t
345217	0.10	WS15	Brown soil, organics, stones	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

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Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Gas range organics in soil	N	As submitted sample	17/11/2023		GC-MS
Free cyanide	N	As submitted sample	16/11/2023	107	Colorimetry
Sulphide	N	As submitted sample	14/11/2023	109	Colorimetry
Hexavalent chromium	N	As submitted sample	16/11/2023	110	Colorimetry
Acid Soluble Sulphate	U	Air dried sample	20/11/2023	115	Ion Chromatography
Total Petroleum Hydrocarbons in solids	N	As submitted sample	15/11/2023	117	GC-FID
Phenols in solids	M	As submitted sample	16/11/2023	121	HPLC
Elemental Sulphur	M	Air dried sample	15/11/2023	122	HPLC
PAH (GC-FID)	N	As submitted sample	15/11/2023	133	GC-FID
Water soluble anions	M	Air dried sample	15/11/2023	172	Ion Chromatography
Organochlorine Pesticides in solids	N	As submitted sample	15/11/2023	173	GC-MS
Organophosphorus Pesticides in solids	N	As submitted sample	15/11/2023	173	GC-MS
Low range Aliphatic hydrocarbons soil	N	As submitted sample	17/11/2023	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	17/11/2023	181	GC-MS
Water soluble boron	N	Air dried sample	15/11/2023	202	Colorimetry
Total cyanide	M	As submitted sample	16/11/2023	204	Colorimetry
Aliphatic hydrocarbons in soil	N	As submitted sample	15/11/2023	214	GC-FID
Aliphatic/Aromatic hydrocarbons in soil	N	As submitted sample	20/11/2023	214	GC-FID
Aromatic hydrocarbons in soil	N	As submitted sample	20/11/2023	214	GC-FID
Basic carbon banding in soil	N	As submitted sample	15/11/2023	218	GC-FID
Asbestos identification	U	Air dried sample	17/11/2023	281	Microscopy
Aqua regia extractable metals	M	Air dried sample	15/11/2023	300	ICPMS
TPH with Silica clean up solids	N	As submitted sample	15/11/2023	GCL117	GC-FID
Leachate					
Arsenic	N		17/11/2023	301	ICPMS
Cadmium	N		17/11/2023	301	ICPMS
Chromium	N		17/11/2023	301	ICPMS
Lead	N		17/11/2023	301	ICPMS
Nickel	N		17/11/2023	301	ICPMS
Copper	N		17/11/2023	301	ICPMS
Zinc	N		17/11/2023	301	ICPMS
Mercury	N		17/11/2023	301	ICPMS
Selenium	N		17/11/2023	301	ICPMS
Antimony	N		17/11/2023	301	ICPMS
Barium	N		17/11/2023	301	ICPMS
Molybdenum	N		17/11/2023	301	ICPMS
pH Value	N		17/11/2023	113	Electrometric
Electrical Conductivity	N		17/11/2023	136	Probe
Dissolved Organic Carbon	N		17/11/2023	102	TOC analyser
Chloride	U		17/11/2023	270	Ion Chromatography
Fluoride	U		17/11/2023	270	Ion Chromatography
Sulphate	U		17/11/2023	270	Ion Chromatography
Total Dissolved Solids	N		17/11/2023	144	Gravimetric
Phenol index	N		17/11/2023	121	HPLC
WAC Solids analysis	N				
pH	M	Air dried sample	17/11/2023	113	Electrometric
Total Organic Carbon	N	Air dried sample	16/11/2023	210	IR
Loss on Ignition	M	Air dried sample	17/11/2023	129	Gravimetric
Acid Neutralisation Capacity	N	Air dried sample	17/11/2023	NEN 737	Electrometric
Total BTEX	M	As submitted sample	17/11/2023	181	GCMS
Mineral Oil (EH_CU_1D_Total)	N	As submitted sample	15/11/2023	117	GCFID
Total PCBs (7 congeners)	N	Air dried sample	16/11/2023	120	GCMS
Total (of 17) PAHs	N	As submitted sample	20/11/2023	133	GCFID

Tests marked N are not UKAS accredited

Report Information

Report No.: 23-51057, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination. Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed. ELAB are unable to provide an interpretation or opinion on the content of this report. The results relate only to the sample received. PCB congener results may include any coeluting PCBs Uncertainty of measurement for the determinands tested are available upon request Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month
 All water samples will be retained for 7 days following the date of the test report
 Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



PTM18-S3B9H-DEV6V

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in **pale yellow**.

Job name

GE22035 - Foxhole Farm, Bolney

Description/Comments

HWOL_23-51057_20231121

Project

GE22035

Site

Foxhole Farm, Bolney

Classified by

Name: **Anthony Potter**
 Date: **11 Dec 2023 10:34 GMT**
 Telephone: **01273832972**
 Company: **Geo-Environmental Services**
Unit 7, Danworth Farm, Cuckfield Road
Hurstpierpoint
BN6 9GL

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course
 Hazardous Waste Classification

Date
 06 Oct 2022

Next 3 year Refresher due by Oct 2025

Purpose of classification

2 - Material Characterisation

Address of the waste

Foxhole Farm, Bolney, West Sussex

Post Code RH17 5NB

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Redevelopment of a farm for a residential enduse

Description of the specific process, sub-process and/or activity that created the waste

Waste created during construction

Description of the waste

TOPSOIL: Brown slightly silty clay with rootlets.

UPPER TUNBRIDGE WELLS SAND FORMATION: Soft to very stiff sandy CLAY and slightly gravelly sandy CLAY. Gravels are of fine to coarse, sub-angular of flint, sandstone and mudstone. Orange brown gravelly SAND, very clayey SAND and SAND.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	WAC Results			Page
					Inert	SNRHW	Hazardous	
1	WS12-0.10--		Non Hazardous		-	-	-	3
2	WS03-0.10--		Non Hazardous		-	-	-	6
3	WS03-0.50--		Non Hazardous		Pass	Pass	N/A	10
4	WS10-0.10--		Non Hazardous		-	-	-	14
5	WS02-0.10--		Non Hazardous		-	-	-	18
6	WS13-0.10--		Non Hazardous		-	-	-	20
7	WS18-0.10--		Non Hazardous		-	-	-	22
8	WS16-0.10--		Non Hazardous		-	-	-	26
9	WS15-0.10--		Non Hazardous		-	-	-	29

Related documents

#	Name	Description
1	HWOL_23-51057_20231121.HWOL	ELAB .hwol file used to populate the Job
2	Example waste stream template for contaminated soils	waste stream template used to create this Job

WAC results

WAC Settings: samples in this Job constitute a single population.

WAC limits used to evaluate the samples in this Job: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

Report

Created by: Anthony Potter

Created date: 11 Dec 2023 10:34 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	33
Appendix B: Rationale for selection of metal species	35
Appendix C: Version	36

Classification of sample: WS12-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS12-0.10--	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
19.9% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.9% Wet Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				7.2	mg/kg	1.32	7.615	mg/kg	0.000761 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<LOD
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide }				0.8	mg/kg	3.22	2.063	mg/kg	0.000206 %	✓	
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }				13.5	mg/kg	1.462	15.805	mg/kg	0.00158 %	✓	
			215-160-9	1308-38-9									
6		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
		024-017-00-8											
7		copper { dicopper oxide; copper (I) oxide }				13.7	mg/kg	1.126	12.355	mg/kg	0.00124 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	28.2	mg/kg	1.56	35.233	mg/kg	0.00226 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				7.8	mg/kg	2.976	18.595	mg/kg	0.00186 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc chromate }				44.5	mg/kg	2.774	98.883	mg/kg	0.00989 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
13		TPH (C6 to C40) petroleum group				4.5	mg/kg		3.605	mg/kg	0.00036 %	✓	
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH PH				6.6 pH		6.6 pH	6.6 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1		208-96-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6		83-32-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5		86-73-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5		85-01-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
26	anthracene 204-371-1		120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4		206-44-0		0.04 mg/kg		0.032 mg/kg	0.0000032 %	✓		
28	pyrene 204-927-3		129-00-0		0.03 mg/kg		0.024 mg/kg	0.0000024 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.03 mg/kg		0.024 mg/kg	0.0000024 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
34	indeno[123-cd]pyrene 205-893-2		193-39-5		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8		191-24-2		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
37	sulfur { sulfur } 016-094-00-1	231-722-6	7704-34-9		<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
38	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		19.2 mg/kg	1.785	27.455 mg/kg	0.00275 %	✓		
Total:									0.0237 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous property to non hazardous because No free phase liquid, to lower concentration to be flammable

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00036%)

Classification of sample: WS03-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.6% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				15.5 mg/kg	1.32	16.454 mg/kg	0.00165 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.6 mg/kg	2.775	3.57 mg/kg	0.000357 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide }				0.7 mg/kg	3.22	1.812 mg/kg	0.000181 %	✓		
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25.8 mg/kg	1.462	30.317 mg/kg	0.00303 %	✓		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %			<LOD
	024-017-00-8										
7	copper { dicopper oxide; copper (I) oxide }				22.5 mg/kg	1.126	20.367 mg/kg	0.00204 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	27.8 mg/kg	1.56	34.864 mg/kg	0.00224 %	✓		
	082-004-00-2	231-846-0	7758-97-6								
9	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel chromate }				17.6 mg/kg	2.976	42.115 mg/kg	0.00421 %	✓		
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
12	zinc { zinc chromate }				64.8 mg/kg	2.774	144.531 mg/kg	0.0145 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
13	TPH (C6 to C40) petroleum group				3.7 mg/kg		2.975 mg/kg	0.000297 %	✓		
			TPH								
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH		PH		6.7 pH		6.7 pH	6.7 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.02 mg/kg		0.0161 mg/kg	0.00000161 %	✓		
28	pyrene 204-927-3	129-00-0			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
30	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
34	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
37	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
38	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
39	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
40	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
41	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
42	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
43	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
44	sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9	<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
45	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	38.6 mg/kg	1.785	55.402 mg/kg	0.00554 %		✓	
46	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
47	p,p'-DDE	200-784-6	72-55-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
48	p,p'-DDD	200-783-0	72-54-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
49	p,p'-methoxychlor	200-779-9	72-43-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
50	methamidophos (ISO); O,S-dimethyl phosphoramidothioate	015-095-00-4	233-606-0	10265-92-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
51	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate	015-019-00-X	200-547-7	62-73-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
52	acephate (ISO); O,S-dimethyl acetylphosphoramidothioate	015-079-00-7	250-241-2	30560-19-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
53	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate	015-066-00-6	214-197-8	1113-02-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
54	demeton-S-methyl (ISO); S-2-ethylthioethyl dimethyl phosphorothioate	015-031-00-5	213-052-6	919-86-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
55	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate	015-051-00-4	200-480-3	60-51-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
56	tolclofos-methyl (ISO); O-(2,6-dichloro-p-tolyl) O,O-dimethyl thiophosphate	015-113-00-0	260-515-3	57018-04-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
57	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate	015-134-00-5	249-528-5	29232-93-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
58	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion]	015-041-00-X	204-497-7	121-75-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
59	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate	015-084-00-4	220-864-4	2921-88-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
60	methidathion (ISO); 2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl-O,O-dimethylphosphorodithioate	015-069-00-2	213-449-4	950-37-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
61	profenofos (ISO); O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate	015-135-00-0	255-255-2	41198-08-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
62	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-047-00-2	209-242-3	563-12-2							
63	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
64	pyrazophos (ISO); O,O-diethyl O-(6-ethoxycarbonyl-5-methylpyrazolo[2,3-a]pyrimidin-2-yl) phosphorothioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-137-00-1	236-656-1	13457-18-6							
65	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-052-00-5	204-079-4	115-29-7							
Total:								0.0369 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
■	Determinand defined or amended by HazWasteOnline (see Appendix A)
🧪	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because No free phase liquid, to lower concentration to be flammable

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00029%)

Classification of sample: WS03-0.50--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-0.50--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17.8% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17.8% Wet Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				1.2	mg/kg	1.197	1.181	mg/kg	0.000118 %	✓	
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				16.6	mg/kg	1.32	18.016	mg/kg	0.0018 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
3		beryllium { beryllium oxide }				2.8	mg/kg	2.775	6.388	mg/kg	0.000639 %	✓	
		004-003-00-8	215-133-1	1304-56-9									
4		boron { diboron trioxide }				<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
		005-008-00-8	215-125-8	1303-86-2									
5		cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0									
6		chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }				37.7	mg/kg	1.462	45.293	mg/kg	0.00453 %	✓	
			215-160-9	1308-38-9									
7		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
		024-017-00-8											
8		copper { dicopper oxide; copper (I) oxide }				24.4	mg/kg	1.126	22.582	mg/kg	0.00226 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
9		lead { lead chromate }			1	21.8	mg/kg	1.56	27.951	mg/kg	0.00179 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
10		mercury { mercury dichloride }				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
11		molybdenum { molybdenum(VI) oxide }				<1	mg/kg	1.5	<1.5	mg/kg	<0.00015 %		<LOD
		042-001-00-9	215-204-7	1313-27-5									
12		nickel { nickel chromate }				32.1	mg/kg	2.976	78.532	mg/kg	0.00785 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
13		selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
14		zinc { zinc chromate }				67.2	mg/kg	2.774	153.239	mg/kg	0.0153 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
15		cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
16	pH				7.3	pH		7.3	pH	7.3 pH		
17	naphthalene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
18	acenaphthylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		205-917-1	208-96-8									
19	acenaphthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-469-6	83-32-9									
20	fluorene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-695-5	86-73-7									
21	phenanthrene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-581-5	85-01-8									
22	anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		204-371-1	120-12-7									
23	fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		205-912-4	206-44-0									
24	pyrene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		204-927-3	129-00-0									
25	benzo[a]anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
26	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
27	benzo[b]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
28	benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
29	benzo[a]pyrene; benzo[def]chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
30	indeno[123-cd]pyrene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		205-893-2	193-39-5									
31	dibenz[a,h]anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
32	benzo[ghi]perylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		205-883-8	191-24-2									
33	polychlorobiphenyls; PCB				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
34	vanadium { divanadium pentaoxide; vanadium pentoxide }				44.6	mg/kg	1.785	65.447	mg/kg	0.00654 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
35	1-naphtol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-029-00-5	201-969-4	90-15-3									
36	barium { barium chromate }				104	mg/kg	1.845	157.696	mg/kg	0.0158 %	✓	
		233-660-5	10294-40-3									
37	coronene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		205-881-7	191-07-1									
38	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
39	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
Total:										0.0581 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because There isn't enough Metal and Cr(VI) to make the Metal chromate - no hazardous levels in any case.

Hazard Statements hit:

Ox. Sol. 2; H272 "May intensify fire; oxidiser."

Because of determinand:

barium chromate: (compound conc.: 0.0158%)

WAC results for sample: WS03-0.50--

WAC Settings: samples in this Job constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample **PASSES** the Inert (Inert waste landfill) criteria.

The sample **PASSES** the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	0.25	3	5	6
2	LOI (loss on ignition)	%	5.57	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.03	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	24	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	7.3	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	<0.1	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	<0.05	0.5	2	25
10	barium	mg/kg	<0.05	20	100	300
11	cadmium	mg/kg	<0.01	0.04	1	5
12	chromium	mg/kg	<0.05	0.5	10	70
13	copper	mg/kg	<0.05	2	50	100
14	mercury	mg/kg	<0.01	0.01	0.2	2
15	molybdenum	mg/kg	<0.05	0.5	10	30
16	nickel	mg/kg	<0.05	0.4	10	40
17	lead	mg/kg	<0.05	0.5	10	50
18	antimony	mg/kg	<0.05	0.06	0.7	5
19	selenium	mg/kg	<0.05	0.1	0.5	7
20	zinc	mg/kg	<0.05	4	50	200
21	chloride	mg/kg	<50	800	15,000	25,000
22	fluoride	mg/kg	<10	10	150	500
23	sulphate	mg/kg	19.5	1,000	20,000	50,000
24	phenol index	mg/kg	<0.1	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	75	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	142	4,000	60,000	100,000

Key

	User supplied data
	Not applicable

Classification of sample: WS10-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS10-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23.4% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23.4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				9 mg/kg	1.32	9.102 mg/kg	0.00091 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				<0.5 mg/kg	2.775	<1.388 mg/kg	<0.000139 %			<LOD
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide }				1 mg/kg	3.22	2.466 mg/kg	0.000247 %	✓		
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17.3 mg/kg	1.462	19.368 mg/kg	0.00194 %	✓		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %			<LOD
	024-017-00-8										
7	copper { dicopper oxide; copper (I) oxide }				15.7 mg/kg	1.126	13.54 mg/kg	0.00135 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	23.2 mg/kg	1.56	27.72 mg/kg	0.00178 %	✓		
	082-004-00-2	231-846-0	7758-97-6								
9	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel chromate }				10.4 mg/kg	2.976	23.71 mg/kg	0.00237 %	✓		
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
12	zinc { zinc chromate }				48.2 mg/kg	2.774	102.425 mg/kg	0.0102 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
13	TPH (C6 to C40) petroleum group				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			TPH								
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH PH				6 pH		6 pH	6pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			0.02 mg/kg		0.0153 mg/kg	0.00000153 %	✓		
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.05 mg/kg		0.0383 mg/kg	0.00000383 %	✓		
28	pyrene 204-927-3	129-00-0			0.04 mg/kg		0.0306 mg/kg	0.00000306 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.03 mg/kg		0.023 mg/kg	0.0000023 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.04 mg/kg		0.0306 mg/kg	0.00000306 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.02 mg/kg		0.0153 mg/kg	0.00000153 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
34	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
37	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
38	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
39	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
40	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
41	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
42	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
43	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
44	sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9	<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
45	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	25.3 mg/kg	1.785	34.597 mg/kg	0.00346 %		✓	
46	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
47	p,p'-DDE	200-784-6	72-55-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
48	p,p'-DDD	200-783-0	72-54-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
49	p,p'-methoxychlor	200-779-9	72-43-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
50	methamidophos (ISO); O,S-dimethyl phosphoramidothioate	015-095-00-4	233-606-0	10265-92-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
51	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate	015-019-00-X	200-547-7	62-73-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
52	acephate (ISO); O,S-dimethyl acetylphosphoramidothioate	015-079-00-7	250-241-2	30560-19-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
53	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate	015-066-00-6	214-197-8	1113-02-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
54	demeton-S-methyl (ISO); S-2-ethylthioethyl dimethyl phosphorothioate	015-031-00-5	213-052-6	919-86-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
55	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate	015-051-00-4	200-480-3	60-51-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
56	tolclofos-methyl (ISO); O-(2,6-dichloro-p-tolyl) O,O-dimethyl thiophosphate	015-113-00-0	260-515-3	57018-04-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
57	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate	015-134-00-5	249-528-5	29232-93-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
58	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion]	015-041-00-X	204-497-7	121-75-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
59	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate	015-084-00-4	220-864-4	2921-88-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
60	methidathion (ISO); 2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl-O,O-dimethylphosphorodithioate	015-069-00-2	213-449-4	950-37-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
61	profenofos (ISO); O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate	015-135-00-0	255-255-2	41198-08-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
62	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-047-00-2	209-242-3	563-12-2							
63	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
64	pyrazophos (ISO); O,O-diethyl O-(6-ethoxycarbonyl-5-methylpyrazolo[2,3-a]pyrimidin-2-yl) phosphorothioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-137-00-1	236-656-1	13457-18-6							
65	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-052-00-5	204-079-4	115-29-7							
Total:								0.0254 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS02-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS02-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.8% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.8% Wet Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				6.4	mg/kg	1.32	6.777	mg/kg	0.000678 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				0.6	mg/kg	2.775	1.335	mg/kg	0.000134 %	✓	
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide }				0.8	mg/kg	3.22	2.066	mg/kg	0.000207 %	✓	
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18.7	mg/kg	1.462	21.92	mg/kg	0.00219 %	✓	
			215-160-9	1308-38-9									
6		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
		024-017-00-8											
7		copper { dicopper oxide; copper (I) oxide }				14.7	mg/kg	1.126	13.274	mg/kg	0.00133 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	19.9	mg/kg	1.56	24.894	mg/kg	0.0016 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				11.3	mg/kg	2.976	26.973	mg/kg	0.0027 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc chromate }				43	mg/kg	2.774	95.669	mg/kg	0.00957 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
13		TPH (C6 to C40) petroleum group				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH PH				6.4 pH		6.4 pH	6.4 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.05 mg/kg		0.0401 mg/kg	0.00000401 %	✓		
28	pyrene 204-927-3	129-00-0			0.05 mg/kg		0.0401 mg/kg	0.00000401 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
34	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓		
37	sulfur { sulfur } 016-094-00-1	231-722-6	7704-34-9		<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
38	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		26.8 mg/kg	1.785	38.37 mg/kg	0.00384 %	✓		
Total:									0.025 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS13-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS13-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14.4% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14.4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				6.8 mg/kg	1.32	7.685 mg/kg	0.000769 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				<0.5 mg/kg	2.775	<1.388 mg/kg	<0.000139 %			<LOD
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide }				0.9 mg/kg	3.22	2.481 mg/kg	0.000248 %	✓		
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12.1 mg/kg	1.462	15.138 mg/kg	0.00151 %	✓		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %			<LOD
	024-017-00-8										
7	copper { dicopper oxide; copper (I) oxide }				12.3 mg/kg	1.126	11.854 mg/kg	0.00119 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	20 mg/kg	1.56	26.704 mg/kg	0.00171 %	✓		
	082-004-00-2	231-846-0	7758-97-6								
9	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel chromate }				6.8 mg/kg	2.976	17.324 mg/kg	0.00173 %	✓		
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
12	zinc { zinc chromate }				34.8 mg/kg	2.774	82.638 mg/kg	0.00826 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
13	TPH (C6 to C40) petroleum group				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			TPH								
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH		PH		6 pH		6 pH	6pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓		
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.09 mg/kg		0.077 mg/kg	0.0000077 %	✓		
28	pyrene 204-927-3	129-00-0			0.08 mg/kg		0.0685 mg/kg	0.00000685 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.0342 mg/kg	0.00000342 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.06 mg/kg		0.0514 mg/kg	0.00000514 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.06 mg/kg		0.0514 mg/kg	0.00000514 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.04 mg/kg		0.0342 mg/kg	0.00000342 %	✓		
34	indeno[123-cd]pyrene 205-893-2	193-39-5			0.03 mg/kg		0.0257 mg/kg	0.00000257 %	✓		
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			0.04 mg/kg		0.0342 mg/kg	0.00000342 %	✓		
37	sulfur { sulfur } 016-094-00-1	231-722-6	7704-34-9		<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
38	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		17.9 mg/kg	1.785	27.353 mg/kg	0.00274 %	✓		
Total:									0.0211 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS18-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS18-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.3% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.3% Wet Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				7.1	mg/kg	1.32	7.94	mg/kg	0.000794 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<LOD
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide }				0.6	mg/kg	3.22	1.636	mg/kg	0.000164 %	✓	
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11.9	mg/kg	1.462	14.731	mg/kg	0.00147 %	✓	
			215-160-9	1308-38-9									
6		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
		024-017-00-8											
7		copper { dicopper oxide; copper (I) oxide }				11.7	mg/kg	1.126	11.157	mg/kg	0.00112 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	21.7	mg/kg	1.56	28.669	mg/kg	0.00184 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				8.9	mg/kg	2.976	22.436	mg/kg	0.00224 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc chromate }				51.4	mg/kg	2.774	120.775	mg/kg	0.0121 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
13		TPH (C6 to C40) petroleum group				1	mg/kg		0.847	mg/kg	0.0000847 %	✓	
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH PH				6.1 pH		6.1 pH	6.1 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			0.04 mg/kg		0.0339 mg/kg	0.00000339 %	✓		
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.09 mg/kg		0.0762 mg/kg	0.00000762 %	✓		
28	pyrene 204-927-3	129-00-0			0.07 mg/kg		0.0593 mg/kg	0.00000593 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.0339 mg/kg	0.00000339 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.05 mg/kg		0.0424 mg/kg	0.00000424 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.05 mg/kg		0.0424 mg/kg	0.00000424 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.03 mg/kg		0.0254 mg/kg	0.00000254 %	✓		
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.04 mg/kg		0.0339 mg/kg	0.00000339 %	✓		
34	indeno[123-cd]pyrene 205-893-2	193-39-5			0.03 mg/kg		0.0254 mg/kg	0.00000254 %	✓		
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			0.03 mg/kg		0.0254 mg/kg	0.00000254 %	✓		
37	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
38	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
39	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
40	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
41	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
42	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
43	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
44	sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9	<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
45	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	18.7 mg/kg	1.785	28.275 mg/kg	0.00283 %		✓	
46	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
47	p,p'-DDE	200-784-6	72-55-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
48	p,p'-DDD	200-783-0	72-54-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
49	p,p'-methoxychlor	200-779-9	72-43-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
50	methamidophos (ISO); O,S-dimethyl phosphoramidothioate	015-095-00-4	233-606-0	10265-92-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
51	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate	015-019-00-X	200-547-7	62-73-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
52	acephate (ISO); O,S-dimethyl acetylphosphoramidothioate	015-079-00-7	250-241-2	30560-19-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
53	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate	015-066-00-6	214-197-8	1113-02-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
54	demeton-S-methyl (ISO); S-2-ethylthioethyl dimethyl phosphorothioate	015-031-00-5	213-052-6	919-86-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
55	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate	015-051-00-4	200-480-3	60-51-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
56	tolclofos-methyl (ISO); O-(2,6-dichloro-p-tolyl) O,O-dimethyl thiophosphate	015-113-00-0	260-515-3	57018-04-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
57	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate	015-134-00-5	249-528-5	29232-93-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
58	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion]	015-041-00-X	204-497-7	121-75-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
59	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate	015-084-00-4	220-864-4	2921-88-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
60	methidathion (ISO); 2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl-O,O-dimethylphosphorodithioate	015-069-00-2	213-449-4	950-37-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
61	profenofos (ISO); O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate	015-135-00-0	255-255-2	41198-08-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
62	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-047-00-2	209-242-3	563-12-2							
63	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
64	pyrazophos (ISO); O,O-diethyl O-(6-ethoxycarbonyl-5-methylpyrazolo[2,3-a]pyrimidin-2-yl) phosphorothioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-137-00-1	236-656-1	13457-18-6							
65	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-052-00-5	204-079-4	115-29-7							
Total:								0.0256 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
■	Determinand defined or amended by HazWasteOnline (see Appendix A)
🧪	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because No free phase liquid, to lower concentration to be flammable

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00008%)

Classification of sample: WS16-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS16-0.10--	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20.7% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20.7% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				6.5 mg/kg	1.32	6.806 mg/kg	0.000681 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				<0.5 mg/kg	2.775	<1.388 mg/kg	<0.000139 %			<LOD
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide }				0.9 mg/kg	3.22	2.298 mg/kg	0.00023 %	✓		
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11.1 mg/kg	1.462	12.865 mg/kg	0.00129 %	✓		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %			<LOD
	024-017-00-8										
7	copper { dicopper oxide; copper (I) oxide }				9.8 mg/kg	1.126	8.75 mg/kg	0.000875 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	24.7 mg/kg	1.56	30.552 mg/kg	0.00196 %	✓		
	082-004-00-2	231-846-0	7758-97-6								
9	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel chromate }				8.3 mg/kg	2.976	19.589 mg/kg	0.00196 %	✓		
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
12	zinc { zinc chromate }				35.6 mg/kg	2.774	78.316 mg/kg	0.00783 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
13	TPH (C6 to C40) petroleum group				3.3 mg/kg		2.617 mg/kg	0.000262 %	✓		
			TPH								
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH		PH		6.2 pH		6.2 pH	6.2 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			0.05 mg/kg		0.0396 mg/kg	0.00000396 %	✓		
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.13 mg/kg		0.103 mg/kg	0.0000103 %	✓		
28	pyrene 204-927-3	129-00-0			0.12 mg/kg		0.0952 mg/kg	0.00000952 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.06 mg/kg		0.0476 mg/kg	0.00000476 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.07 mg/kg		0.0555 mg/kg	0.00000555 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.07 mg/kg		0.0555 mg/kg	0.00000555 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.05 mg/kg		0.0396 mg/kg	0.00000396 %	✓		
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.0555 mg/kg	0.00000555 %	✓		
34	indeno[123-cd]pyrene 205-893-2	193-39-5			0.05 mg/kg		0.0396 mg/kg	0.00000396 %	✓		
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			0.05 mg/kg		0.0396 mg/kg	0.00000396 %	✓		
37	sulfur { sulfur } 016-094-00-1	231-722-6	7704-34-9		<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
38	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		16.5 mg/kg	1.785	23.358 mg/kg	0.00234 %	✓		
Total:									0.0203 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because No free phase liquid, to lower concentration to be flammable

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00026%)

Classification of sample: WS15-0.10--

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the List of Waste

Sample details

Sample name:	LoW Code:
WS15-0.10--	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
23.6%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(wet weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 23.6% Wet Weight Moisture Correction applied (MC)

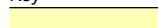
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				5.2 mg/kg	1.32	5.245 mg/kg	0.000525 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				<0.5 mg/kg	2.775	<1.388 mg/kg	<0.000139 %		<LOD
	004-003-00-8	215-133-1	1304-56-9							
3	boron { diboron trioxide }				0.9 mg/kg	3.22	2.214 mg/kg	0.000221 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10.7 mg/kg	1.462	11.948 mg/kg	0.00119 %	✓	
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
	024-017-00-8									
7	copper { dicopper oxide; copper (I) oxide }				9 mg/kg	1.126	7.742 mg/kg	0.000774 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	22.2 mg/kg	1.56	26.456 mg/kg	0.0017 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
9	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel chromate }				8.8 mg/kg	2.976	20.01 mg/kg	0.002 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
11	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
12	zinc { zinc chromate }				34.9 mg/kg	2.774	73.969 mg/kg	0.0074 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
13	TPH (C6 to C40) petroleum group				1.5 mg/kg		1.146 mg/kg	0.000115 %	✓	
			TPH							
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	pH PH				5.8 pH		5.8 pH	5.8 pH			
21	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
22	acenaphthylene 205-917-1	208-96-8			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
23	acenaphthene 201-469-6	83-32-9			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
24	fluorene 201-695-5	86-73-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
25	phenanthrene 201-581-5	85-01-8			0.04 mg/kg		0.0306 mg/kg	0.00000306 %	✓		
26	anthracene 204-371-1	120-12-7			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
27	fluoranthene 205-912-4	206-44-0			0.1 mg/kg		0.0764 mg/kg	0.00000764 %	✓		
28	pyrene 204-927-3	129-00-0			0.09 mg/kg		0.0688 mg/kg	0.00000688 %	✓		
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.05 mg/kg		0.0382 mg/kg	0.00000382 %	✓		
30	chrysene 601-048-00-0	205-923-4	218-01-9		0.07 mg/kg		0.0535 mg/kg	0.00000535 %	✓		
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.06 mg/kg		0.0458 mg/kg	0.00000458 %	✓		
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.04 mg/kg		0.0306 mg/kg	0.00000306 %	✓		
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.0382 mg/kg	0.00000382 %	✓		
34	indeno[123-cd]pyrene 205-893-2	193-39-5			0.03 mg/kg		0.0229 mg/kg	0.00000229 %	✓		
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	benzo[ghi]perylene 205-883-8	191-24-2			0.04 mg/kg		0.0306 mg/kg	0.00000306 %	✓		
37	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
38	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
39	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
40	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
41	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
42	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
43	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
44	sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9	<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
45	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	16 mg/kg	1.785	21.822 mg/kg	0.00218 %	✓		
46	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
47	p,p'-DDE	200-784-6	72-55-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
48	p,p'-DDD	200-783-0	72-54-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
49	p,p'-methoxychlor	200-779-9	72-43-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
50	methamidophos (ISO); O,S-dimethyl phosphoramidothioate	015-095-00-4	233-606-0	10265-92-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
51	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate	015-019-00-X	200-547-7	62-73-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
52	acephate (ISO); O,S-dimethyl acetylphosphoramidothioate	015-079-00-7	250-241-2	30560-19-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
53	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate	015-066-00-6	214-197-8	1113-02-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
54	demeton-S-methyl (ISO); S-2-ethylthioethyl dimethyl phosphorothioate	015-031-00-5	213-052-6	919-86-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
55	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate	015-051-00-4	200-480-3	60-51-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
56	tolclofos-methyl (ISO); O-(2,6-dichloro-p-tolyl) O,O-dimethyl thiophosphate	015-113-00-0	260-515-3	57018-04-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
57	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate	015-134-00-5	249-528-5	29232-93-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
58	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion]	015-041-00-X	204-497-7	121-75-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
59	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate	015-084-00-4	220-864-4	2921-88-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
60	methidathion (ISO); 2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl-O,O-dimethylphosphorodithioate	015-069-00-2	213-449-4	950-37-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
61	profenofos (ISO); O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate	015-135-00-0	255-255-2	41198-08-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
62	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-047-00-2	209-242-3	563-12-2							
63	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
64	pyrazophos (ISO); O,O-diethyl O-(6-ethoxycarbonyl-5-methylpyrazolo[2,3-a]pyrimidin-2-yl) phosphorothioate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	015-137-00-1	236-656-1	13457-18-6							
65	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-052-00-5	204-079-4	115-29-7							
Total:								0.0191 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because No free phase liquid, to lower concentration to be flammable

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00011%)

Appendix A: Classifier defined and non GB MCL determinands

• **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

• **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

• **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

• **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

• **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

• **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

• **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

■ **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **p,p'-DDE** (EC Number: 200-784-6, CAS Number: 72-55-9)

Description/Comments: other names: 4,4'-DDE; 2,2-bis(p-chlorophenyl)-1,1-dichloroethylene
Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21845>
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **p,p'-DDD** (EC Number: 200-783-0, CAS Number: 72-54-8)

Description/Comments: other names: Rhothane; p,p'-TDE; 4,4'-DDD; 4,4'-TDE;
Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21283>
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **p,p'-methoxychlor** (EC Number: 200-779-9, CAS Number: 72-43-5)

Description/Comments: other names: Methoxychlor; DMDT; Dimethoxy-DDT; Methoxy-DDT; Methoxcide; p,p'-Dimethoxydiphenyltrichloroethane; 1,1,1-Trichloro-2,2-bis(4-methoxyphenyl)ethane
Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/112624>
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

GB MCL index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans;

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

■ **barium chromate** (EC Number: 233-660-5, CAS Number: 10294-40-3)

Description/Comments: Data from ECHA's C&L inventory database and Sigma Aldrich SDS Revision 6.2 dated 08/05/20
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/38286>
Data source date: 12 May 2020
Hazard Statements: Ox. Sol. 2; H272 , Acute Tox. 4; H302 , Acute Tox. 4; H332 , Carc. 1B; H350

▪ **coronene** (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from C&L Inventory Database; no entries in Registered Substances or Pesticides Properties databases; SDS: Sigma Aldrich, 1907/2006 compliant, dated 2012 - no entries; IARC – Group 3, not carcinogenic.

Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=17010&HarmOnly=no?fc=true&lang=en>

Data source date: 16 Jun 2014

Hazard Statements: STOT SE 2; H371

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics (edit as required)

boron {diboron trioxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

sulfur {sulfur}

Most likely occurrence

vanadium {divanadium pentaoxide; vanadium pentoxide}

Most likely occurrence

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

barium {barium chromate}

Highest risk species

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2023.341.5847.10836 (07 Dec 2023)

HazWasteOnline Database: 2023.341.5847.10836 (07 Dec 2023)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

GB MCL List v2.0 - version 2.0 of 20th October 2023

1st May 2024

Our ref: GE22035 - LRv1AP240501

Rory Kemp
Wates Developments Limited
Wates House
Station Approach
Leatherhead
KT22 7SW



By Email Only

Dear Rory,

RE: LAND AT FOXHOLE FARM, BOLNEY, WEST SUSSEX, RH17 5NB - GROUND GAS ASSESSMENT & WINTER GROUNDWATER MONITORING

Introduction

Geo-Environmental Services Limited (Geo-Environmental) was employed by Wates Developments Limited to undertake an initial site investigation and install dual purpose ground gas and groundwater monitoring wells on the site in November 2023. A Desk Study Report was prepared for the site (GE22035-DSR-NOV23) by Geo-Environmental in November 2023. The Ground Investigation referenced (GE22035-GAR-DEC23) by Geo-Environmental was reported in December 2023.

It was understood that the development would comprise a residential development with private gardens, soft landscaping, public open space, access roads, parking and associated infrastructure.

This letter report details the findings of the ground gas and groundwater level monitoring carried out on the site between November 2023 and April 2024.

The desk study did not identify plausible on-site or off-site sources of potential ground gases or vapours. It was stated if any organic rich Made Ground was encountered as part of the investigation, then this may represent a viable on-site source of ground gases/vapours. It should be noted that no Made Ground, organic matter or inclusions, or organoleptic evidence of contamination was encountered during the intrusive investigation carried out in November 2023.

Investigation

Dual purpose ground gas and groundwater monitoring wells were installed within eight boreholes (WS02-WS03, WS10, WS12-WS13, WS15-WS16 and WS18) on site to depths of between 1.40m and 4.00m below ground level (bgl) in November 2023. Groundwater levels were monitored during twelve visits undertaken between November 2023 and April 2024. Ground gas readings were also undertaken during the first six of the visits.

The response zones for the monitoring wells are summarised in Table 1.

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Geo-Environmental Services Ltd incorporated in England number 3214980 VAT number 679544479

Location	Top of Response Zone (m bgl)	Base of Response Zone (m bgl)	Response Zone Strata
WS02	1.00	2.40	Upper Tunbridge Wells Sand
WS03	1.00	3.00	Upper Tunbridge Wells Sand
WS10	1.00	4.00	Upper Tunbridge Wells Sand
WS12	0.50	1.40	Upper Tunbridge Wells Sand
WS13	1.00	2.25	Upper Tunbridge Wells Sand
WS15	1.00	3.00	Upper Tunbridge Wells Sand
WS16	1.00	4.00	Upper Tunbridge Wells Sand
WS18	1.00	3.00	Upper Tunbridge Wells Sand

Table 1: Monitoring Well Response Zones

Ground Gas

The eight positions were monitored for methane, carbon dioxide, oxygen, volatile organic compounds (VOC) and borehole gas flow, during high and falling atmospheric pressures on six occasions between November 2023 and January 2024. It should be noted that during the monitoring period some locations were not monitored or provided very little information due to the shallow depths of groundwater over the winter period.

Recommendations on acceptable gas levels recorded in the ground beneath or adjacent to buildings are given in a variety of publications. For the purpose of this assessment, the results have been evaluated in terms of British Standard BS8485+A1 entitled '*Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings* (2019) and NHBC report 10627-R01(04) entitled '*Guidance on evaluation of development proposals where methane and carbon dioxide are present*' (2007).

It should be noted that the two publications referenced above give different thresholds for the requirements for ground gas protection measures for carbon dioxide. The use of the 'traffic light' classification given in the NHBC report 10627-R01(04) is only appropriate for residential buildings, where the proposed buildings have a floor plan of c.8.00m x 8.00m, giving a floor area of c.64m², a minimum clear void of 150mm, and a complete volume change of the sub-floor void every 24hrs. Where the proposed structures do not conform to these criteria, as is the case for the proposed development, the classification system given in BS8485 (Table 2) should be used.

CS	Hazard potential	Site characteristic GSV ^{A)} L/h	Additional factors
CS1	Very low	<0.07	Typically <1% methane concentration and <5% carbon dioxide concentration (otherwise consider an increase to CS2)
CS2	Low	0.07 to <0.7	Typical measured flow rate <70 L/h (otherwise consider an increase to CS3)
CS3	Moderate	0.7 to <3.5	–
CS4	Moderate to high	3.5 to <15	–
CS5	High	15 to <70	–
CS6	Very high	>70	–

^{A)} The figures used in this column are empirical.

NOTE The CS is equivalent to the characteristic GSV in CIRIA C665 [6].

Table 2: Characteristic Gas Situation (CS) by Site Characteristic Gas Screening Value (GSV) – BS8485 (2019)

In line with best practice, it should be noted that any results from standpipes which contained fully saturated response zones have been ignored as the readings are not reliable nor likely to be representative of the ground gas regime.

During the monitoring period, methane was recorded within the range of 0.0% v/v to 0.2% v/v, whilst carbon dioxide and oxygen have been recorded within the ranges of 0.0% v/v to 4.9% v/v and 2.5% v/v to 24.5% v/v respectively. Atmospheric pressures were recorded between 991mb and 1036mb during the six monitoring visits. Negligible VOC concentrations of between 0.0ppm and 3.5ppm were recorded. A maximum positive borehole flow of 1.4 l/hr was recorded during the six ground gas monitoring visits. The highest flow of 1.4l/hr was only recorded on one occasion in WS12 at a time when the groundwater level was at 0.70m meaning the response zone was partially saturated.

The Site Characteristic Gas Screening Value (GSV) is calculated by multiplying the highest flow rate concentration from the entire monitoring dataset, by the highest gas concentration from the entire monitoring dataset and dividing the result by 100.

The GSV calculations for carbon dioxide and methane are presented in Table 3.

Ground Gas	Highest Recorded Concentration (% v/v)	Maximum Potential Flow Rate (l/hr)	Calculation	Site Characteristic Gas Screening Value (GSV)
Carbon Dioxide	4.9	1.4	$\frac{4.9 \times 1.4}{100}$	0.068
Methane	0.2		$\frac{0.2 \times 1.4}{100}$	0.003

Table 3: Site Characteristic Gas Screening Value Calculations

Carbon dioxide concentrations were less than 5% during the monitoring period, in addition, the calculated GSVs were below the Characteristic 2 thresholds and fell within Characteristic Situation 1.

Ground Gas Assessment

No viable plausible off-site sources of potential ground gases or vapours were identified as part of the desk study.

No plausible significant on-site source of carbon dioxide has been established by the desk study or intrusive investigation.

The maximum flow rate of 1.4l/hr used in the assessment is considered to be highly conservative as it occurred in a partially saturated well and was not repeated during any other visits. As such, this flow is an outlier and unlikely to be representative of the ground gas regime.

Based on all the lines of evidence presented above, it is considered in relation to the proposed development, that the site should be considered as Characteristic Situation 1.

Groundwater/Water Depth

The Upper Tunbridge Wells Sand Formation was identified beneath the site was classified as a Secondary A Aquifer. During the investigation in November 2023 groundwater was encountered within WS15 and WS16 at depths of between 1.10m and 2.10m bgl, then standing at depths of between 1.40m and 4.45m bgl after twenty minutes.

Groundwater monitoring wells were installed to depths of between 1.40m and 4.00m bgl within each of the dynamic sampler boreholes (WS02-WS03, WS10, WS12-WS13, WS15-WS16 and WS18). Water depths were recorded within the monitoring wells on twelve occasions between November 2023 and April 2024 as summarised in Table 4.

Location	Date	GWL (m bgl)	GWL (m AOD)*
WS02	21/11/2023	0.99	35.02
	04/12/2023	0.83	35.18
	15/12/2023	0.83	35.18
	05/01/2024	0.81	35.20
	15/01/2024	0.80	35.21
	02/02/2024	0.82	35.19
	16/02/2024	0.85	35.16
	01/03/2024	0.87	35.15
	15/03/2024	0.78	35.24
	28/03/2024	0.76	35.26
	12/04/2024	0.78	35.24
WS03	26/04/2024	0.82	35.20
	21/11/2023	1.03	32.19
	04/12/2023	0.45	32.77
	15/12/2023	0.84	32.38
	05/01/2024	0.65	32.57
	15/01/2024	0.82	32.40
	02/02/2024	0.92	32.30
	16/02/2024	0.93	32.29
	01/03/2024	0.97	32.25
	15/03/2024	0.90	32.32
	28/03/2024	0.90	32.32
WS10	12/04/2024	0.92	32.30
	26/04/2024	0.95	32.27
	21/11/2023	0.61	36.56
	04/12/2023	0.00	37.17
	15/12/2023	0.04	37.13
	05/01/2024	0.08	37.09
	15/01/2024	0.27	39.90
	02/02/2024	0.60	36.57
	16/02/2024	0.41	36.76
	01/03/2024	0.10	37.08
	15/03/2024	0.10	37.08
WS12	28/03/2024	0.11	37.07
	12/04/2024	0.13	37.05
	26/04/2024	0.82	36.36
	21/11/2023	0.35	37.201
	04/12/2023	0.75	36.801
	15/12/2023	0.70	36.851
	05/01/2024	0.70	36.851
	15/01/2024	0.75	36.801
	02/02/2024	0.77	36.781
	16/02/2024	0.83	36.721
	01/03/2024	0.80	36.75

Location	Date	GWL (m bgl)	GWL (m AOD)*
	15/03/2024	0.79	36.76
	28/03/2024	0.86	36.69
	12/04/2024	1.06	36.49
	26/04/2024	1.36	36.19
WS13	21/11/2023	1.83	34.83
	04/12/2023	0.78	35.88
	15/12/2023	1.70	34.96
	05/01/2024	1.69	34.97
	15/01/2024	1.62	35.04
	02/02/2024	1.60	35.06
	16/02/2024	1.58	35.08
	01/03/2024	1.52	35.14
	15/03/2024	1.47	35.19
	28/03/2024	1.46	35.20
	12/04/2024	1.41	35.25
	26/04/2024	1.47	35.19
WS15	21/11/2023	0.62	22.22
	04/12/2023	0.32	22.52
	15/12/2023	0.19	22.65
	05/01/2024	0.18	22.66
	15/01/2024	0.18	22.66
	02/02/2024	0.28	22.56
	16/02/2024	0.26	22.58
	01/03/2024	0.25	22.59
	15/03/2024	0.18	22.66
	28/03/2024	0.16	22.68
	12/04/2024	0.18	22.66
	26/04/2024	0.15	22.69
WS16	21/11/2023	0.32	22.54
	04/12/2023	0.16	22.70
	15/12/2023	0.20	22.70
	05/01/2024	0.17	22.69
	15/01/2024	0.22	22.64
	02/02/2024	0.57	22.29
	16/02/2024	0.58	22.28
	01/03/2024	0.44	23.86
	15/03/2024	0.41	23.89
	28/03/2024	0.42	23.88
	12/04/2024	0.49	23.81
	26/04/2024	0.66	23.64
WS18	21/11/2023	1.60	27.40
	04/12/2023	1.97	27.03
	15/12/2023	1.44	28.56
	05/01/2024	1.97	27.03
	15/01/2024	1.80	27.20

Location	Date	GWL (m bgl)	GWL (m AOD)*
	02/02/2024	1.89	27.11
	16/02/2024	1.41	27.59
	01/03/2024	1.41	27.59
	15/03/2024	1.42	27.58
	28/03/2024	1.81	27.19
	12/04/2024	1.72	27.28
	26/04/2024	2.25	26.75

Table 4: Summary of Recorded Groundwater Depths within Monitoring Wells (WS02-WS03, WS10, WS12-WS13, WS15-WS16, WS18)

It should be noted that changes in groundwater and perched water levels do occur for a number of reasons including seasonal effects and variations in drainage. Such fluctuations may only be recorded by the measurement of the groundwater level within a series of standpipes or piezometers installed within appropriate response zones.

We trust we have interpreted your instructions correctly. Should you have any queries please do not hesitate to contact us.

Yours sincerely

For and on Behalf of Geo-Environmental Services Ltd

ANTHONY POTTER BSc (Hons), MSc, FGS

Senior Consulting Engineer

Email: anthony.potter@gesl.net

Encs - Ground Gas Assessment
 - Standpipe Location Plan
 - Intrusive Investigation Logs

Project: Foxhole Farm
 Ref: GE22035
 Client: Wates Developments Limited



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	21/11/23	0	0.0	0.1	21.4	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	10	0.0	0.7	21.2	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	20	0.0	0.7	16.3	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23	30	0.0	0.7	14.6	0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	21/11/23					0.0	0.0	1020	0.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	0	0.0	0.1	21.1	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	10	0.0	0.1	20.8	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	20	0.0	0.1	19.7	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	30	0.0	0.1	20.4	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	60	0.0	0.0	21.1	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	90	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	120	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	21/11/23	180	0.0	0.0	21.2	0.3	0.1	1020	1.03	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23	0	0.0	0.1	21.5	0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	21/11/23					0.0	3.5	1020	0.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	0	0.0	0.1	21.4	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	10	0.0	0.8	21.3	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23	20	0.0	0.9	17.3	0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	21/11/23					0.0	0.1	1021	0.35	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	0	0.0	0.3	21.5	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	10	0.0	1.7	20.3	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	20	0.0	1.7	12.5	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	30	0.0	1.7	11.2	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	60	0.0	1.7	10.9	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23	90	0.0	1.8	10.8	0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23					0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	21/11/23					0.0	0.0	1022	1.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	0	0.0	0.1	21.1	2.0	0.3	1021	0.62	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	10	0.0	0.7	21.3	2.0	0.3	1021	0.62	0.000	0.014	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23	20	0.0	0.7	21.0	2.0	0.3	1021	0.62	0.000	0.014	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
 Ref: GE22035
 Client: Wates Developments Limited



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	21/11/23					2.0	0.3	1021	0.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	0	0.0	0.1	21.6	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	10	0.1	3.7	21.5	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23	20	0.1	3.8	17.5	0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	21/11/23					0.0	0.0	1022	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	0	0.0	0.1	21.3	0.1	0.1	1020	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	10	0.1	0.6	20.6	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	20	0.1	0.6	14.9	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	30	0.1	0.6	13.9	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	60	0.1	0.7	13.6	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	90	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	120	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	21/11/23	180	0.0	0.7	13.4	0.1	0.1	1020	1.60	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	0	0.0	0.0	21.3	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	10	0.0	1.0	21.1	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	20	0.2	1.1	19.2	0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	30				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	60				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	90				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	120				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	04/12/23	180				0.0	0.1	992	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	23	0.0	0.0	21.4	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	10	0.0	0.2	21.3	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	20	0.0	0.2	20.7	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	30	0.0	0.2	20.7	0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	60				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	90				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	120				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	04/12/23	180				0.0	0.0	992	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	0				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	10				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	20				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	30				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	60				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	90				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	120				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	04/12/23	180				0.0	0.0	991	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	0	0.0	0.0	21.5	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	10	0.0	2.7	20.9	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS12	04/12/23	20	0.0	2.8	10.2	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	30	0.0	2.8	5.2	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	60	0.0	2.8	3.9	0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	90				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	120				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	04/12/23	180				0.0	0.0	991	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	0	0.0	0.0	21.5	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	10	0.0	1.6	18.9	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	20	0.0	1.6	10.3	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	30	0.0	1.6	8.0	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	60	0.0	1.5	6.5	0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	90				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	120				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	04/12/23	180				0.0	0.3	991	0.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	0	0.0	0.0	21.6	0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	10	0.0	1.5	21.6	0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	20				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	30				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	60				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	90				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	120				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	04/12/23	180				0.0	0.0	992	0.32	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	0	0.0	0.0	21.6	0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	10	0.0	4.6	21.3	0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	20				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	30				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	60				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	90				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	120				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	04/12/23	180				0.0	0.2	992	0.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	0	0.0	0.0	21.6	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	10	0.0	1.7	21.1	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	20	0.0	1.5	17.6	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	30	0.0	1.4	17.0	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	60	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	90	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	120	0.0	1.3	17.2	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	04/12/23	180	0.0	1.0	17.1	0.0	0.0	992	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	0	0.0	0.0	21.4	0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	10	0.0	1.1	21.2	0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	20	0.0	1.1	20.1	0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	30	0.0	1.1	19.7	0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	60				0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	90				0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/12/23	120				0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	15/12/23	180				0.0	0.0	1034	0.83	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	0	0.0	0.0	21.3	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	10	0.0	0.5	21.3	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	20	0.0	0.3	21.1	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	30	0.0	0.2	21.2	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	60	0.0	0.1	21.4	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	90	0.0	0.1	21.4	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	120	0.0	0.1	21.4	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/12/23	180	0.0	0.1	21.4	0.0	0.0	1034	0.84	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	0	0.0	0.0	21.5	0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	10				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	20				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	30				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	60				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	90				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	120				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/12/23	180				0.0	0.0	1034	0.04	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	0	0.0	0.0	21.6	1.4	0.1	1034	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	10	0.0	4.2	16.4	1.4	0.1	1034	0.70	0.000	0.059	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	20	0.1	4.2	6.3	1.4	0.1	1034	0.70	0.001	0.059	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	30	0.1	4.2	4.0	1.4	0.1	1034	0.70	0.001	0.059	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	60	0.1	4.2	3.6	1.4	0.1	1034	0.70	0.001	0.059	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	90				1.4	0.1	1034	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	120				1.4	0.1	1034	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/12/23	180				1.4	0.1	1034	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	0	0.0	0.0	21.5	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	10	0.0	2.3	17.2	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	20	0.0	2.3	6.4	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	30	0.0	2.3	4.9	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	60	0.0	2.4	4.5	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	90	0.0	2.4	4.4	0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	120				0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/12/23	180				0.0	0.0	1036	1.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	0	0.0	0.0	21.2	0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	10				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	20				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	30				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	60				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	90				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	120				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/12/23	180				0.0	0.0	1036	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	0	0.0	0.0	21.5	0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	10	0.2	3.5	21.4	0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	20	0.2	4.0	16.9	0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	30				0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS16	15/12/23	60				0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	90				0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	120				0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/12/23	180				0.0	0.0	1036	0.20	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	0	0.0	0.0	21.0	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	10	0.0	1.5	19.8	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	20	0.0	1.5	13.9	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	30	0.0	1.6	12.6	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	60	0.0	1.6	12.2	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	90	0.0	1.6	12.2	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	120	0.0	1.6	12.2	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	15/12/23	180	0.0	1.6	12.2	0.0	0.7	1035	1.44	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	0	0.0	0.0	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	10	0.2	0.1	21.7	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	20	0.2	0.1	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	30	0.2	0.1	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	60	0.2	0.1	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	90	0.2	0.1	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	120	0.2	0.1	21.5	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	05/01/24	180	0.2	0.1	21.4	0.0	0.0	999	0.81	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	0	0.0	0.0	21.5	0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	10	0.2	0.2	24.5	0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	20	0.2	0.3	21.2	0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	30				0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	60				0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	90				0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	120				0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	05/01/24	180				0.0	0.0	1000	0.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	0	0.0	0.0	21.5	0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	10				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	20				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	30				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	60				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	90				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	120				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	05/01/24	180				0.0	0.0	999	0.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	0	0.0	0.0	21.5	0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	10	0.2	3.9	20.9	0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	20	0.2	3.9	7.8	0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	30	0.2	3.8	3.9	0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	60	0.2	3.7	3.5	0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	90				0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	120				0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	05/01/24	180				0.0	0.0	999	0.70	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	0	0.0	0.0	21.3	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS13	05/01/24	10	0.1	0.2	21.2	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	20	0.2	2.8	9.5	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	30	0.2	2.8	4.0	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	60	0.1	2.6	3.2	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	90	0.1	2.4	4.8	0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	120				0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	05/01/24	180				0.0	0.0	999	1.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	0	0.0	0.0	21.5	0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	10	0.1	0.1	21.5	0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	20				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	30				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	60				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	90				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	120				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	05/01/24	180				0.0	0.0	1001	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	0	0.0	0.0	21.2	0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	10	0.1	2.5	20.6	0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	20				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	30				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	60				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	90				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	120				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	05/01/24	180				0.0	0.0	1001	0.17	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	0	0.0	0.0	21.6	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	10	0.2	0.1	21.4	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	20	0.2	0.7	19.7	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	30	0.2	0.4	20.5	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	60	0.1	1.2	18.5	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	90	0.1	0.2	21.1	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	120	0.1	0.2	21.2	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	05/01/24	180	0.1	0.6	19.9	0.0	0.0	1000	1.97	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	0	0.0	0.0	21.5	0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	10	0.0	1.4	21.5	0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	20	0.0	1.6	21.0	0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	30	0.0	1.6	20.9	0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	60				0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	90				0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	120				0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15/01/24	180				0.0	0.0	1007	0.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	0	0.0	0.0	21.8	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	10	0.0	0.1	21.8	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	20	0.0	0.1	21.8	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	30	0.0	0.1	21.7	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	60	0.0	0.1	21.6	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	90	0.0	0.1	21.6	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS03	15/01/24	120	0.0	0.1	21.7	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15/01/24	180	0.0	0.1	21.8	0.0	0.0	1008	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	0	0.0	0.0	21.4	0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	10				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	20				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	30				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	60				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	90				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	120				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15/01/24	180				0.0	0.0	1007	0.27	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	0	0.0	0.0	22.0	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	10	0.0	0.1	22.0	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	20	0.0	3.6	17.5	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	30	0.0	3.8	12.3	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	60	0.0	3.8	10.3	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	90	0.0	4.2	11.0	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	120	0.0	4.5	11.8	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15/01/24	180	0.0	4.9	13.3	0.0	0.0	1007	0.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	0	0.0	0.0	21.7	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	10	0.0	2.7	21.5	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	20	0.0	2.7	13.5	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	30	0.0	2.6	7.7	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	60	0.0	2.3	7.2	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	90	0.0	2.1	8.9	0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	120				0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15/01/24	180				0.0	0.0	1008	1.62	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	0	0.0	0.0	21.5	0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	10				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	20				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	30				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	60				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	90				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	120				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	15/01/24	180				0.0	0.0	1009	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	0	0.0	0.0	21.4	0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	10	0.0	1.6	19.8	0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	20				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	30				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	60				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	90				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	120				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	15/01/24	180				0.0	0.0	1009	0.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	0	0.0	0.1	20.0	0.1	0.0	1022	0.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	10	0.0	0.5	20.0	0.1	0.0	1022	0.82	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	20	0.0	1.2	20.1	0.1	0.0	1022	0.82	0.000	0.001	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
Ref: GE22035
Client: Wates Developments Limited



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	02/02/24	30	0.0	1.8	20.2	0.1	0.0	1022	0.82	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	60	0.0	1.8	20.3	0.1	0.0	1022	0.82	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	90	0.0	1.8	20.3	0.1	0.0	1022	0.82	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	120	0.0	1.8	20.3	0.1	0.0	1022	0.82	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02/02/24	180	0.0	1.8	20.3	0.1	0.0	1022	0.82	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	0	0.0	0.0	20.2	0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	10	0.0	0.1	20.5	0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	20	0.0	0.1	20.0	0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	30	0.0	0.1	19.9	0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	60	0.0	0.1	19.9	0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	90				0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	120				0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02/02/24	180				0.0	0.0	1023	0.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	0	0.0	0.6	19.8	0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	10	0.1	0.4	19.9	0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	20	0.0	0.0	17.6	0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	30	0.0	0.0	17.3	0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	60				0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	90				0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	120				0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02/02/24	180				0.0	0.0	1022	0.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	0	0.0	0.1	21.8	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	10	0.0	0.2	21.9	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	20	0.0	2.5	18.8	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	30	0.0	2.9	17.6	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	60	0.1	3.5	13.5	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	90	0.0	3.5	12.9	0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	120				0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02/02/24	180				0.0	0.0	1023	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	0	0.0	0.1	20.3	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	10	0.0	0.3	20.7	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	20	0.0	2.5	7.3	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	30	0.0	2.4	3.6	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	60	0.0	2.5	2.5	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	90	0.0	2.1	2.5	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	120	0.0	2.0	2.5	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02/02/24	180	0.0	2.0	2.5	0.0	0.0	1023	1.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	0				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	10				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	20				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	30				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	60				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	90				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	120				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS15	02/02/24	180				0.0	0.0	1022	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Foxhole Farm
Ref: GE22035
Client: Wates Developments Limited



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS16	02/02/24	0	0.0	0.0	20.3	0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	10	0.0	1.5	19.9	0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	20	0.0	3.5	18.2	0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	30	0.0	4.0	17.5	0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	60				0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	90				0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	120				0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS16	02/02/24	180				0.0	0.0	1022	0.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	0	0.0	0.3	19.4	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	10	0.0	2.1	18.8	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	20	0.0	3.0	15.1	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	30	0.0	3.1	14.6	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	60	0.0	3.1	14.4	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	90	0.0	3.1	14.4	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	120	0.0	3.1	14.4	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS18	02/02/24	180	0.0	3.1	14.4	0.0	0.0	1022	1.89	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Max values			0.2	4.9	24.5	2.0	3.5	1036.0	2.0	0.004	0.098	CS1	CS2	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Min Vaules			0.0	0.0	2.5	0.0	0.0	991.0	0.0	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
BH Flow LoD check			0.2	4.9	24.5	0.1	-	-	-	0.000	0.005	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Cell: C12
Comment: Anthony Potter
Pump error
30/04/2024 10:57

Cell: C25
Comment: Anthony Potter
Pump error
30/04/2024 10:57

Cell: C35
Comment: Anthony Potter
Flow error
30/04/2024 10:58

Cell: C46
Comment: Anthony Potter
Flow error
30/04/2024 10:59

Cell: C51
Comment: Anthony Potter
Flow error
30/04/2024 10:59

Cell: C59
Comment: Anthony Potter
Flow error
30/04/2024 11:00

Cell: D75
Comment: Anthony Potter
Auto cut out after 20 seconds
30/04/2024 11:04

Cell: D84
Comment: Anthony Potter
Auto cut off after 30 seconds
30/04/2024 11:04

Cell: D88
Comment: Anthony Potter
Borehole location flooded
30/04/2024 11:05

Cell: D101
Comment: Anthony Potter
Auto cut off after 60 seconds
30/04/2024 11:05

Cell: D109
Comment: Anthony Potter
Auto cut off after 60 seconds
30/04/2024 11:06

Cell: D114
Comment: Anthony Potter
Auto cut off after 10 seconds
30/04/2024 11:06

Cell: D122
Comment: Anthony Potter
Auto cut off after 10 seconds
30/04/2024 11:06

Cell: D140
Comment: Anthony Potter
Pump error
30/04/2024 11:09

Cell: D153
Comment: Anthony Potter
Cover flooded, water in pump
30/04/2024 11:10

Cell: D165
Comment: Anthony Potter
Pump error
30/04/2024 11:11

Cell: D174
Comment: Anthony Potter
Pump error
30/04/2024 11:13

Cell: D177
Comment: Anthony Potter
Pump error
30/04/2024 11:13

Cell: D187
Comment: Anthony Potter
Water in pump
30/04/2024 11:14

Cell: D211
Comment: Anthony Potter
Pump error
30/04/2024 11:21

Cell: D217
Comment: Anthony Potter
Pump error
30/04/2024 11:21

Cell: D229
Comment: Anthony Potter
Pump error
30/04/2024 11:22

Cell: D238
Comment: Anthony Potter
Pump error
30/04/2024 11:23

Cell: D242
Comment: Anthony Potter
Pump error
30/04/2024 11:24

Cell: D250
Comment: Anthony Potter
Pump error
30/04/2024 11:24

Cell: D268
Comment: Anthony Potter
Auto shut off after 30 seconds
30/04/2024 11:41

Cell: D281
Comment: Anthony Potter
Immediately sucked up water
30/04/2024 11:48

Cell: D302
Comment: Anthony Potter
Auto cut off after 90 seconds
30/04/2024 11:50

Cell: D305
Comment: Anthony Potter
Immediately sucked up water
30/04/2024 11:51

Cell: D314
Comment: Anthony Potter
Auto cut off after 10 seconds
30/04/2024 11:52

Cell: D333
Comment: Anthony Potter
Sucked up water after 82 seconds
30/04/2024 11:55

Cell: D340
Comment: Anthony Potter
Sucked up water after 32 seconds
30/04/2024 11:56

Cell: D350
Comment: Anthony Potter
Sucked up water after 105 seconds
30/04/2024 11:57

Cell: D360

Comment: Anthony Potter

Immediately sucked up water

30/04/2024 11:59

Cell: D372

Comment: Anthony Potter

Sucked up water after 45 seconds

30/04/2024 12:00

Cell: A386

Note: Gavin :

Required to comply with CIRIA C665

Cell: G386

Note: Gavin :

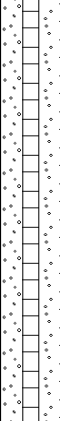
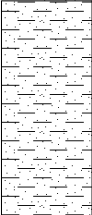
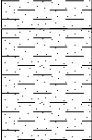
GasData LoD flow = 0.1litre/hr

GA flow pod LoD = 0.3 litre/hr

Legend Key

- Locations By Type - Empty
- ⬢ Locations By Type - WLS



 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS02 Sheet 1 of 1			
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 526003E - 123091N		Hole Type WLS			
Location: Bolney, West Sussex					Level: 36.02		Scale 1:25			
Client: Wates Developments Limited					Dates: 10/11/2023		Logged By TG			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.30	35.72		Brown slightly silty CLAY. Rootlets throughout TOPSOIL		
		0.50 0.50 0.50	D ES PP	2.7kg/cm2						Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND
		1.00 1.00 1.00	D PP SPT	2.3kg/cm2 N=32 (2,4/6,10,8,8)	1.10	34.92		Very stiff brown slightly gravelly sandy CLAY. Sand is fine. Gravel is fine to medium sub angular flint. UPPER TUNBRIDGE WELLS SAND		
		1.50 1.50	D PP	4.3kg/cm2						
		2.00 2.00 2.00	D PP SPT	4.5kg/cm2 N=50 (4,9/50 for 275mm)						
		2.40	D		2.40	33.62		End of Borehole at 2.40m		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					 Status	
Depth Top	Depth Base	Diameter	Depth Strike	Rose To						



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Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: Foxhole Farm, Bolney

Project No.
GE22035

Co-ords: 525876E - 123062N

Hole Type
WLS

Location: Bolney, West Sussex

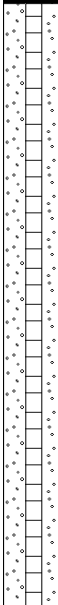
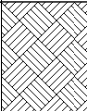
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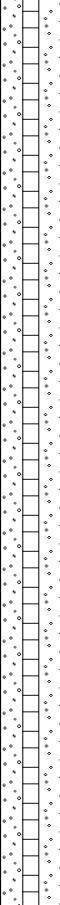
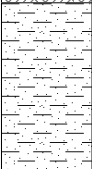
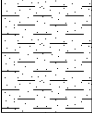
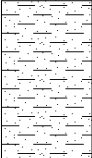
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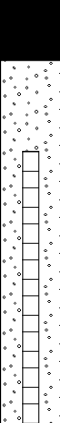
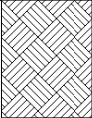
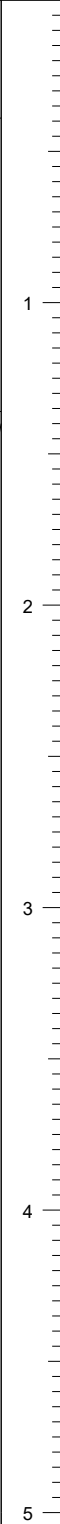
Client: Wates Developments Limited

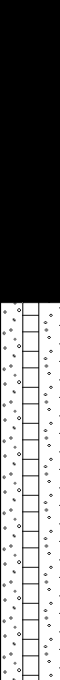
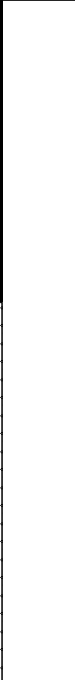
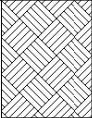
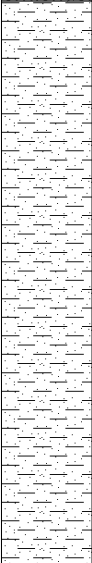
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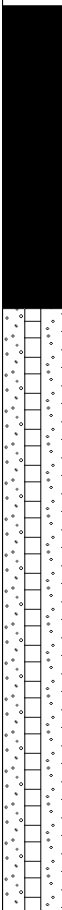
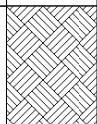
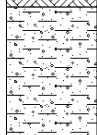
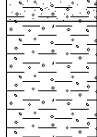
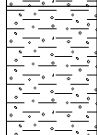
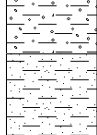
Logged By
TG

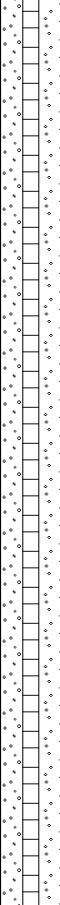
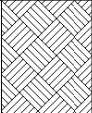
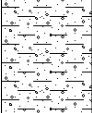
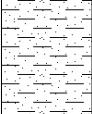
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.10	ES	0.9kg/cm2	0.37	32.85		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL	1 2 3 4 5		
		0.50	D				2.7kg/cm2 N=8 (1,2/1,2,2,3)	32.52			Firm brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND
		0.50	ES								
		0.50	PP								
		0.75	PP	1.8kg/cm2	0.70	32.42		Stiff dark brown slightly sandy very gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND			
		1.00	D	3.1kg/cm2	31.52					Stiff to very stiff light brown grey mottled slightly silty, slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND	
		1.00	PP								
		1.00	SPT								
		1.50	D	3.5kg/cm2 N=39 (3,6/9,11,8,11)	1.70	31.52		Very stiff light brown grey mottled sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
		1.50	PP								
		2.00	D							50 (25 for 135mm/50 for 125mm)	3.00
		2.00	PP								
		2.00	SPT								
		2.50	D	3.00	30.22		End of Borehole at 3.00m				
		2.60	SPT								
3.00	D	3.00	30.22		End of Borehole at 3.00m						
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks							
Depth Top	Depth Base	Diameter	Depth Strike						Rose To		
									Status		

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS10 Sheet 1 of 1					
Project Name: Foxhole Farm, Bolney		Project No. GE22035		Co-ords: 526002E - 122981N		Hole Type WLS			
Location: Bolney, West Sussex				Level: 37.18		Scale 1:25			
Client: Wates Developments Limited				Dates: 10/11/2023		Logged By TG			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.27	36.90		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL	
	0.50 0.50 0.50	D ES PP	2.8kg/cm2				Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND		
	1.00 1.00 1.00 1.10	D PP SPT PP	2.4kg/cm2 N=22 (1,2/2,5,6,9) 3.0kg/cm2	0.85 1.05	36.33 36.12		Stiff light brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND		
						Stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	1.50	D		1.45	35.72		Very stiff light brown slightly gravelly very sandy CLAY. Sand is fine. Gravel is fine to medium sub angular sandstone and mudstone. Occasional ferruginous inclusions. UPPER TUNBRIDGE WELLS SAND		
	2.00 2.00 2.00	D PP SPT	3.5kg/cm2 N=40 (7,6/8,9,10,13)						
	2.50	D							
	3.00 3.00	D SPT	N=44 (8,8/44 for 230mm)						
	3.50 3.60	D SPT	50 (11,14/50 for 170mm)						
	4.00	D		4.00	33.17		End of Borehole at 4.00m		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks				 Status	
Depth Top	Depth Base	Diameter	Depth Strike						Rose To

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS12 Sheet 1 of 1		
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 525995E - 122750N		Hole Type WLS		
Location: Bolney, West Sussex				Level: 37.55		Scale 1:25				
Client: Wates Developments Limited				Dates: 10/11/2023		Logged By TG				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.39	37.16		Brown slightly slightly silty CLAY. Rootlets throughout. TOPSOIL		
	0.50	D								3.4kg/cm2
	0.50	ES								
	0.50	PP								
		1.00	D							
		1.00	PP							
		1.00	SPT	3.5kg/cm2 50 (5,4/50 for 185mm)						
					1.36	36.19				
					1.40	36.15		Orangish brown gravelly SAND. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND End of Borehole at 1.40m		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
					 Status					

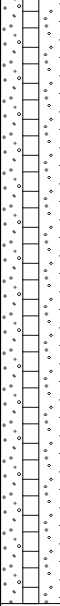
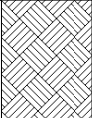
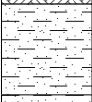
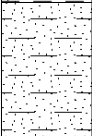
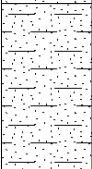
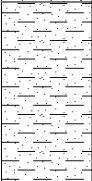
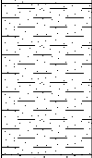
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS13 Sheet 1 of 1			
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 525768E - 122729N		Hole Type WLS			
Location: Bolney, West Sussex					Level: 36.66		Scale 1:25			
Client: Wates Developments Limited					Dates: 09/11/2023		Logged By TG			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES	3.1kg/cm2	0.39	36.27		Brown slightly silty CLAY. Rootlets throughout TOPSOIL	1	
		0.50	D							
		0.50	ES							
		0.50	PP						Stiff to very stiff light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND	
		1.00	D							
		1.00	PP							
		1.00	SPT	2.6kg/cm2 N=7 (1,1/1,2,2,2)					2	
		1.50	D							
		1.50	PP	2.8kg/cm2						3
		2.00	D							
2.00	PP	3.8kg/cm2 50 (6,18/50 for 90mm)	2.25	34.41		End of Borehole at 2.25m	4			
2.00										
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refusal at 2.25					 Status

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS15 Sheet 1 of 1					
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 525857E - 122469N		Hole Type WLS					
Location: Bolney, West Sussex					Level: 22.84		Scale 1:25					
Client: Wates Developments Limited					Dates: 09/11/2023		Logged By TG					
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.10	ES	1.6kg/cm2	0.41	22.43		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL				
		0.50	D				4.1kg/cm2	0.90		21.94		Stiff light brown grey mottled slightly gravelly slightly sandy CLAY. Sand is fine. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND
		0.50	ES									
		0.50	PP									
		1.00	D	2.4kg/cm2 N=15 (2,3/3,5,3,4)	1.30	21.54		Stiff dark brown sandy very gravelly CLAY. Sand is fine to coarse. Gravel is fine sub angular. UPPER TUNBRIDGE WELLS SAND				
		1.00	PP									
		1.00	SPT									
		1.50	D	4.4kg/cm2 N=18 (2,2/4,4,5,5)	1.90	20.94		Very stiff brown occasionally grey mottled slightly sandy slightly gravelly CLAY. Sand is fine. Gravel is fine to medium sub angular t9 sub rounded sandstone. UPPER TUNBRIDGE WELLS SAND				
		1.50	PP									
		2.00	D									
2.00	PP											
2.00	SPT											
2.50	D	50 (5,7/50 for 210mm)	3.30	19.54		Very stiff grey to brown slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND						
2.50	PP											
3.00	D											
3.00	PP											
3.00	SPT											
End of Borehole at 3.30m												
Dynamic Sampling Run Details Water Strike Details (mbgl) Remarks												
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Seepage at 1.1mbl							
			1.10	2.00								
AGS Status												

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS16 Sheet 1 of 1		
Project Name: Foxhole Farm, Bolney			Project No. GE22035		Co-ords: 525755E - 122526N		Hole Type WLS		
Location: Bolney, West Sussex					Level: 24.30		Scale 1:25		
Client: Wates Developments Limited					Dates: 09/11/2023		Logged By TG		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.40	23.90		Brown slightly silty CLAY. Rootlets throughout. TOPSOIL	
		0.50	D				Firm light brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND <i>Band of fine to medium sandstone gravel</i>		
		0.50	ES						
		0.50	PP	1.0kg/cm2					
		1.00	D		1.40	22.90		Stiff brown to dark brown gravelly sandy CLAY. Sand is fine to coarse. Gravel is fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND	
		1.00	PP						
		1.00	SPT	0.9kg/cm2 N=16 (1,2/3,4,4,5)					
		1.50	D		2.05	22.25		Very stiff grey light brown mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND	
		1.50	PP	2.0kg/cm2					
		2.00	D						
2.00	PP	4.5kg/cm2 N=12 (3,3/3,3,3,3)	<i>Band of fine sandstone gravel</i>						
2.50	D								
2.50	PP	4.2kg/cm2							
3.00	D		4.45	19.85		End of Borehole at 4.45m			
3.00	PP								
3.00	SPT	4.1kg/cm2 N=17 (2,2/2,4,6,5)							
3.50	D								
3.50	PP	4.6kg/cm2							
4.00	D								
4.00	PP	4.6kg/cm2							
4.00	SPT	N=42 (4,5/8,12,10,12)							

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			2.10	2.10	


Status

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS18 Sheet 1 of 1					
Project Name: Foxhole Farm, Bolney				Project No. GE22035		Co-ords: 525846E - 122612N		Hole Type WLS	
Location: Bolney, West Sussex				Level: 29.00		Scale 1:25			
Client: Wates Developments Limited				Dates: 09/11/2023		Logged By TG			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES				 Brown slightly gravelly, slightly silty CLAY. Gravel is fine sub angular sandstone. Rootlets throughout. TOPSOIL		
		0.40	28.60			 Soft brown slightly sandy slightly silty slightly gravelly CLAY. Sand is fine to coarse. Gravel is rare fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND			
	0.50 0.50 0.50	D ES PP	0.5kg/cm2	0.70	28.30	 Firm light brown grey mottled very sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	0.90 1.00 1.00	PP D SPT	1.2kg/cm2 N=15 (5,3/2,4,4,5)	0.95	28.05	 Medium dense yellowish brown slightly clayey, slightly gravelly SAND. Sand is fine. Gravel is rare fine sub angular sandstone. UPPER TUNBRIDGE WELLS SAND			
	1.50	D		1.40	27.60	 Medium dense light brown grey mottled very clayey SAND. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	2.00 2.00 2.00	D PP SPT	4.0kg/cm2 N=25 (2,4/4,7,6,8)	1.95	27.05	 Very stiff brown grey mottled slightly sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	2.50 2.50	D PP	4.5kg/cm2	2.55	26.45	 Very stiff light brown grey mottled very sandy CLAY. Sand is fine. UPPER TUNBRIDGE WELLS SAND			
	3.00 3.00 3.00	D PP SPT	4.2kg/cm2 50 (25 for 70mm/50 for 60mm)	3.05 3.10	25.95 25.90	 Dense light yellowish brown SAND. Sand is fine. UPPER TUNBRIDGE WELLS SAND End of Borehole at 3.10m			
	3.10	D							
	Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks				
Depth Top	Depth Base	Diameter	Depth Strike	Rose To					
					 Status				