OXFORDSHIRE
STRATEGIC RAIL FREIGHT INTERCHANGE

Environmental Statement

Chapter 11: Ground Conditions
Appendix 11.3: Minerals Assessment

Document 6.11C

On behalf of
Oxfordshire Railfreight Limited

Prepared by BWB Consulting Ltd
February 2026

A CAF GROUP COMPANY

ENVIRONMENT

Oxfordshire Railfreight Interchange Ltd
Oxfordshire RFI
Ardley, Oxon
Minerals Assessment

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Oxfordshire RFI
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Minerals Assessment

Birmingham
Livery Place, 35 Livery Street, Colmore Business District, Birmingham, B3 2PB
T: 0121 233 3322

Leeds
Whitehall Waterfront, 2 Riverside Way, Leeds, LS1 4EH
T: 0113 233 8000

London
11 Borough High Street, London, SE1 9SE
T: 0207 407 3879

Manchester
11, Portland Street, Manchester M1 3HU
T: 0161 233 4260

Market Harborough
Harborough Innovation Centre, Wellington Way, Airfield Business Park,
Leicester Road, Market Harborough, Leicestershire, LE16 7WB
T: 01858 455020

Nottingham
Waterfront House, Station Street, Nottingham NG2 3DQ
T: 0115 924 1100

February 2026

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Author:	[redacted] BSc (Hons)
Checked:	[redacted] BSc (Hons) MSc (Eng) CGeol
Approved:	[redacted] BSc (Hons) MCIWEM

[redacted]

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1. INTRODUCTION

Instruction

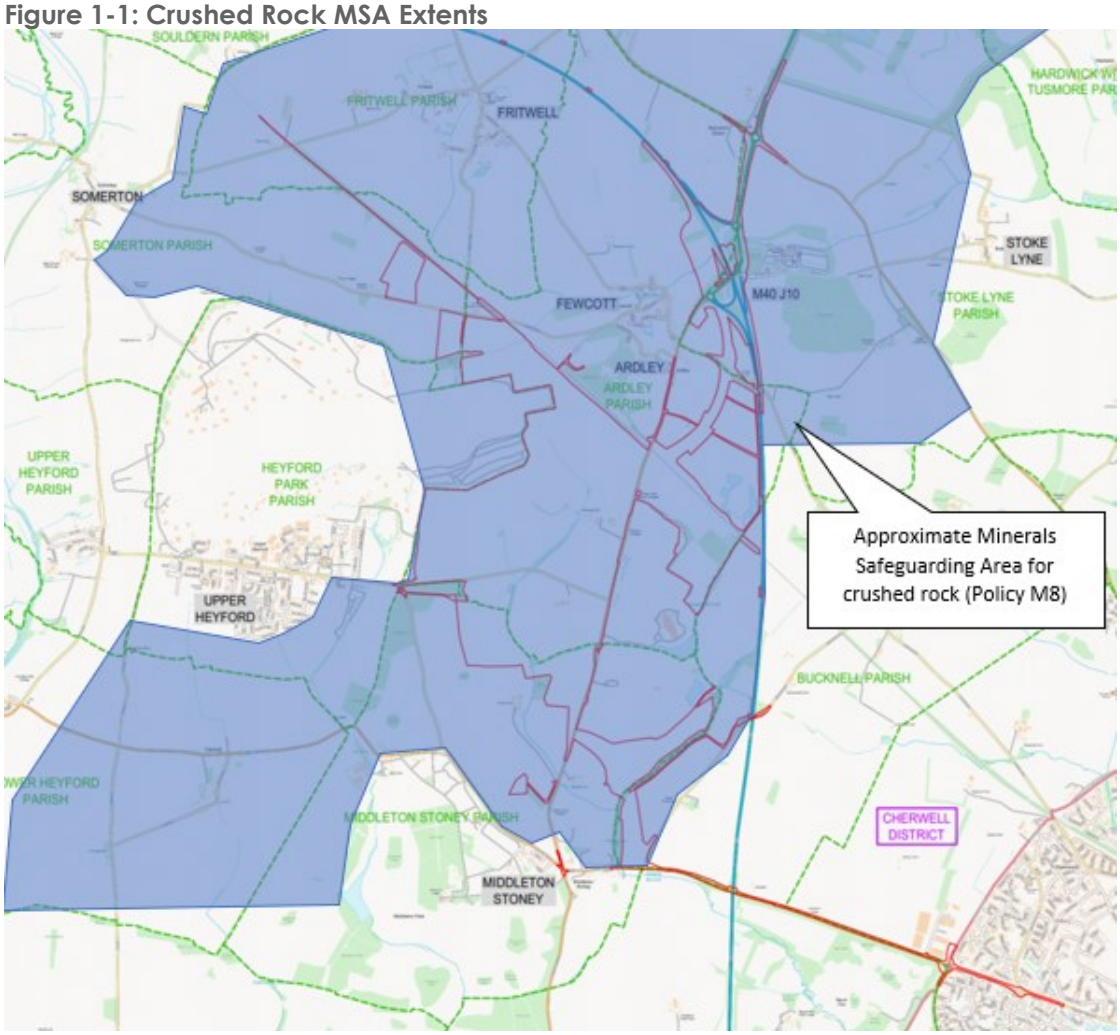
1.1 BWB Consulting (BWB) was instructed by Oxfordshire Railfreight Interchange Ltd (the Applicant) to prepare a Minerals Assessment for the site at Ardley, Oxon supports the application for a proposed Strategic Railfreight Interchange (SRFI) . Given the national significance of the proposed development (established by the National Policy Statement (NPS) for National Networks (2024)), the Applicant is applying to the Secretary of State (via the Planning Inspectorate, or 'PINS') for a Development Consent Order (DCO) under the Planning Act 2008.

1.2 The proposed development is anticipated to comprise a a new rail freight terminal in the north of the site adjacent to the existing Chiltern Mainline Railway with warehouses and associated hardstanding areas including parking, loading and road access. . Most of the buildings associated with Ashgrove Farm located in the east of the site will be retained. The site will be served by new access routes including an Ardley Bypass to the north linking to the M40 Motorway. A copy of the Parameters Plan for the Main Site is presented as **Drawing 1**.

Objectives

1.3 The site is located in a Minerals Safeguarding Area (MSA) for limestone identified through the Oxfordshire County Council (OCC) Minerals and Waste Core Strategy (2017). Therefore, this Minerals Assessment has been produced in order to consider the potential impact of the proposed development on potential mineral resources at the site and their potential viability for extraction. Specifically, this assessment reviews how the proposals, including mitigation measures, have been considered in the context of relevant policies and criteria of the OCC Core Strategy. The approximate area of the crushed rock MSA at the Development Site and surrounding areas is presented on **Figure 1-1** below.

Figure 1-1: Crushed Rock MSA Extents



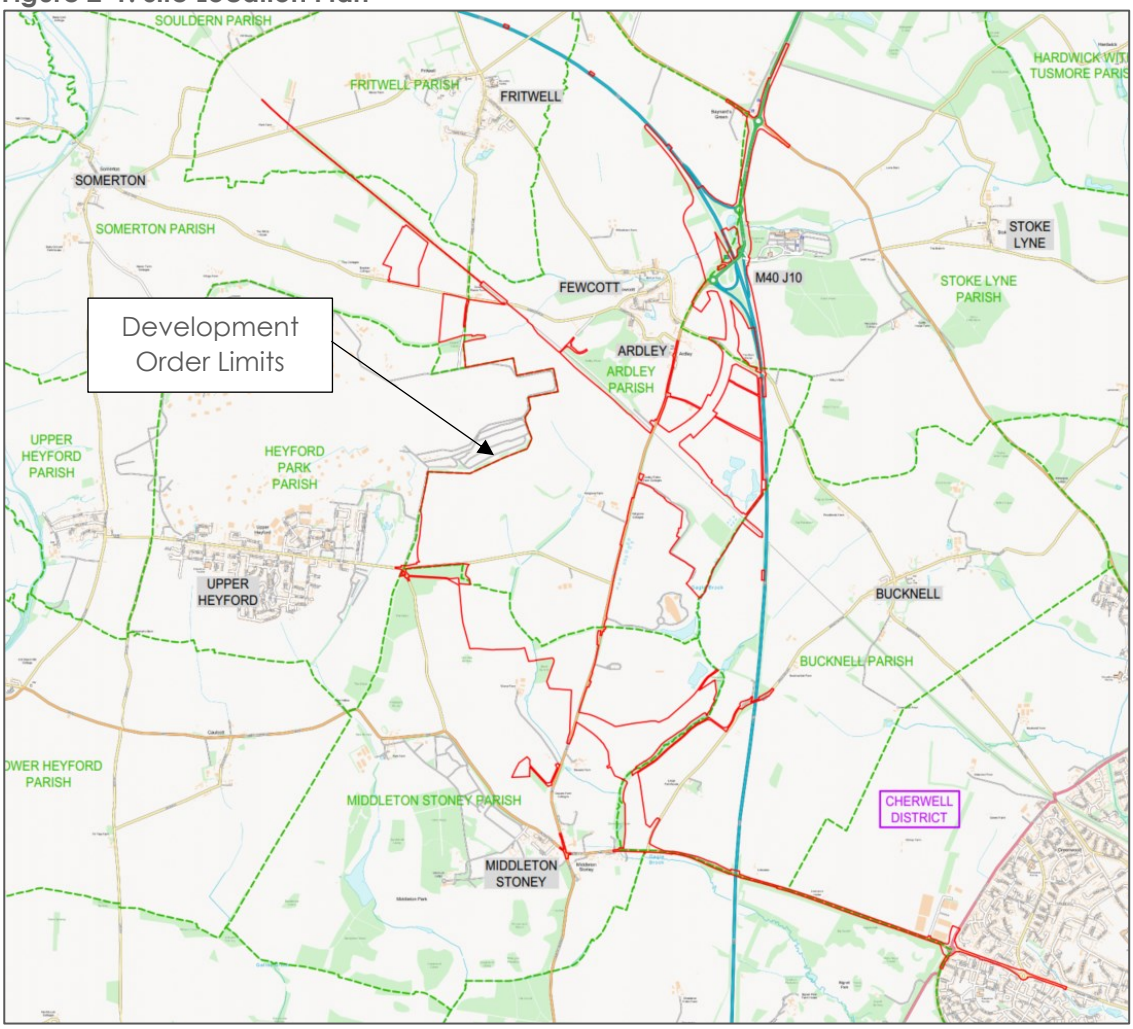
1.4 Cross-reference is made to a number of other application documents but without repeating them in full, including those documents which provide details about economic and other benefits of the Proposed Development. Overall policy and 'planning balance' considerations regarding any residual harms or policy conflicts are addressed in the separate Planning Statement.

2. THE SITE

Site Location

2.1 The site comprises of the Main development site (Main Site) and associated proposed highways works. The Main Site is located immediately south of the village of Ardley, Oxfordshire, centred at National Grid reference 453728, 225258. The approximate location of the site is shown below in **Figure 2-1. Drawing 2** presents an overview of the highway's improvements.

Figure 2-1: Site Location Plan

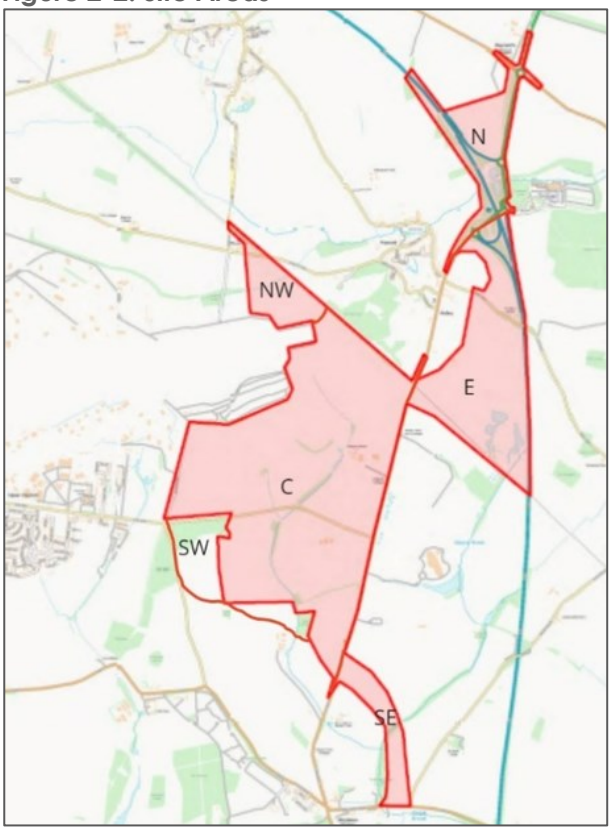


Site Description

2.2 The Application Site as a whole is irregular in shape and stretches from Baynard's Green field north of Junction 10 of the M40 down towards Middleton Stoney village to the south along the B340 road. The proposed focus of new built development is identified as Area C on **Figure 2.2** below, other areas will be required for the infrastructure to serve the development and for retained or new green infrastructure (which accounts for around 60% of the total Application Site).

2.3 The site was visited by BWB personnel on the 9th September 2021. Site areas described below which cover the Main Site and surrounding proposed Highway's improvements are outlined on **Figure 2.2** and described in **Section 2.4** to **2.9.**

Figure 2-2: Site Areas



Area between the North of J10 M40 and South of J10 M40 (Area N)

2.4 The area to the north includes an agricultural field between the M40, the A43 and B4100, most of the area is generally flat and at approximately 120m above Ordnance Datum (AOD). The field is divided in two by the junction slip road, with an isolated land parcel with two balancing ponds to the south of it. The slip roads associated with Junction 10 of the M40 are on embankments, and they lead to the A43 to the northeast through a roundabout, and southwest towards Ardley through Padbury roundabout. The junction lies within the valley of Stoke Lyne Brook that runs east to west through it, sloping down from approximately 120m to 110m AOD. A portion of the valley and its watercourse is included within the site to the west of the M40 and to the north of Ardley. A new free flow road link is proposed in this area.

Area between the South of J10 M40 and Railway Cutting (Area E)

2.5 South of the junction the site includes agricultural fields between the B340, the M40 (here low cutting then at grade) and the Chiltern Main Line rail (in cutting). The area is cut in two fields by Ardley Road and generally slopes to the southeast and includes farm buildings close to the B340. Small portions of fields are included east of the M40 and south of the railway, in an area accessed by Ardley Field Household Waste facility.

Main Development Site (Area C)

2.6 The largest site surface is located within open agricultural field including Ashgrove Farm, bounded by the Chiltern Main Line rail to the northeast, the B340 the east, Chilgrove Drive and the former Upper Heyford airbase to the west and northwest, and extending further south Camp Road towards parcels of land belonging to Manor Farm. The area generally gently slopes from 115m to 105m AOD from north to south, and it includes an unnamed watercourse tributary of the Gauge Brook which flows north to south. The field parcels are separated by hedgerows and strips of land with dense tree vegetation present in the vicinity of the watercourse. Ashgrove Farm cottages and buildings are present within the field, and an infilled pond surface has been identified through consultation with the landlord. To the south of Camp Road, two adjacent fenced areas are present which hosts Ardley Composting Facility and a covered Water Reservoir on earthwork.

Railway Cutting Area to the northwest (Area NW)

2.7 A railway cutting and agricultural fields are located in the northwest of the site, north of the closed Upper Heyford airbase.

Area between Camp Road and Manor Farm (Area SW)

2.8 An additional parcel of agricultural land is located to the south of Camp Road and to the north of Manor Farm.

Area to the Southeast of BB340 (Area SE)

2.9 The village of Middleton Stoney lies several kilometres to the south of the site. A strip of land running to the east of the B340 with a northwest to southeast direction terminating into the B4030 Road, is included within the Application Site and contains the proposed Middleton Stoney Relief Road. The area itself consists of a mixture of predominately arable and pasture fields with Gagle Brook flowing from the northeast to the south. Its topography is generally flat but slopes gently towards the watercourse towards the south of the site. In addition, dense vegetation in the vicinity of the watercourse.

Previous Reports

2.10 The following reports have been reviewed as part of this assessment;

- Oxfordshire Strategic Railfreight Interchange – Main Site Phase 1 Geotechnical and Geo-environmental Desk Study by Hydrock, ref: 15560-HYD-XX-GE-RP-1001-S2-P01, dated March 2021;
- Oxfordshire Strategic Railfreight Interchange – Off-site Highways Phase 1 Geotechnical and Geo-environmental Desk Study by Hydrock, ref: 15560-HYD-OSH-GE-RP-1002-S2-P01, dated July 2021; and
- Oxfordshire RFI Phase 2 Geo-Environmental Assessment by BWB Consulting, ref: OFRI-BWB-ZZ-XX-RP-YE-0001_Ph2_P1, dated January 2026.

2.11 In preparing this report pertinent points have been included from the above reports within this report, where appropriate.

3. Economic & Policy Context

National Need and Policy 'Weight'

3.1 National policy recognises the need for new rail freight capacity and inland terminals. The National Networks National Policy Statement (NNNPS), designated 24 May 2024, sets out the strategic need for Strategic Rail Freight Interchanges and explains how applications should be assessed. The NPS is explicit that the decision-maker (Secretary of State) should give "*substantial weight*" (NPS paragraph 3.22) to considerations of the strategic need for SRFIs.

3.2 Department for Transport Rail Freight Growth Target[1] (20 December 2023) commits to at least 75% growth in net freight tonne-kilometres by 2050, to unlock economic and environmental benefits and provide investor confidence. The DfT 'Future of Freight Plan' (June 2022) identifies the National Freight Network and the enabling role of rail terminals in decarbonisation and productivity.

3.3 The NPS requires Applicants to safeguard any mineral resources on site "*as far as possible*" and "*consider whether prior extraction of the minerals would be appropriate*" (NPS paragraph 5.191). In decision-making, regard should be had to ensuring "*appropriate mitigation measures*" including where there would be a sterilising effect (NPS paragraph 5.197). The OxSRFI response to the minerals issues on site is described below, and associated policy issues are considered in the ES Chapter, plus more widely in the separate Planning Statement.

Minerals Context and Safeguarding Balance

3.4 Crushed rock (limestone) permitted reserves in Oxfordshire at the end of 2024 were 3.359 Mt, equating to a ~3.5-year landbank against the Aggregate Provision Rate (APR) of 0.964 Mtpa—below the 10-year NPPF requirement. Further evidence of the site-specific context regarding mineral resources is provided below.

3.5 The NPPF requires safeguarding of mineral resources and encourages prior extraction where practicable when non-mineral development is proposed; it also seeks to safeguard sites for bulk minerals handling [NPPF Dec 2024, 'Minerals' Chapter 15].

3.6 Oxfordshire Core Strategy Policy M8 allows non-mineral development in MSAs where the need outweighs mineral considerations and/or where prior extraction is undertaken.

Employment, Skills and Productivity Benefits

3.7 The OxSRFI application includes various evidence-based documents to underline the economic context and benefits of the proposals which are rooted in the NPS position that there is a "*compelling need*" for more SRFIs to support economic, as well as environmental objectives. The submitted evidence includes ES Chapter 12 (Socio-Economics), as well as a Market Analysis Report (Document 7.1) and statements from the proposed rail terminal operator.

3.8 The detail of those benefits are not repeated here. However, as well as the direct and significant GVA, economic investment, and employment benefits from the OxSRFI

[1] Department for Transport (2023). Rail freight growth target. Policy Paper, published 20 December 2023. GOV.UK.

proposals, wider benefits include construction employment, local supply-chain multipliers, reliability/productivity gains for manufacturers and distributors, and agglomeration effects around a rail-served logistics cluster. Independent industry analysis suggests large-scale rail freight growth could deliver multi-billion-pound annual benefits nationally [Rail Partners, 2023][2].

Carbon, Air Quality and Highway Network Benefits

3.9 Rail freight emits around 26.5 g CO_2 per tonne per km (2020/21 ORR). DfT notes a tonne moved by rail produces around a quarter of the carbon of road haulage; a single freight train can remove large numbers of HGVs from the network, cutting congestion, collisions and road maintenance costs. [ORR 2021; DfT 2023]. Locating the SRFI in Oxfordshire shortens first/last-mile road legs, maximising mode-shift benefits and enabling use of electrified haul where available, consistent with NNNPS and the Future of Freight plan. [NNNPS 2024; DfT 2022].

3.10 The ES includes a 'Climate Change' and Greenhouse Gas assessment (Chapter 15) which provides a fuller assessment of the likely effects of the Proposed Development on climate change and carbon emissions, including setting out the role of rail freight in reducing carbon from the supply-chains and transport networks.

2 Rail Partners (2023). Freight Expectations: How rail freight can support Britain's economy and environment. March 2023. Rail Partners.

4. GROUND CONDITIONS

Data Sources

4.1 The data sources reviewed as part of this ground conditions assessment are detailed as follows:

- British Geological Survey (BGS) Geological Map Number 219, Buckingham, 1:63,3600 edition, Solid and Drift, dated 1963;
- Online BGS Geology of Britain Viewer (3D);
- Online Geoindex Onshore mapping (minerals);
- BGS 'Oxfordshire Minerals Resources Map', 1: 100,000, dated 2004;
- Hydrock Phase 1 Assessments (dated March & July 2021); and
- BWB Phase 2 Assessment (dated December 2021).

Published Geology, Hydrogeology and Hydrology

4.2 Information published by the BGS indicates that the site is predominately absent of superficial deposits, isolated pockets of Head deposits are indicated to be present in the north of the site (A43 / M40 interchange) and in the northwest and north – central areas of the main site area. Alluvium deposits are indicated along stream courses running through the centre of the site trending north to south and in the northwest corner of the site. Bedrock deposits are mapped to comprise the White Limestone Formation (WLF), with pockets of Forest Marble Formation (limestone) in the northwest and south of the site and Rutland Formation (mudstone, siltstone and sandstone) in the north-central area (Area C).

4.3 Artificial Ground is indicated to be present to the east of the site where landfilling has occurred (Ardley Landfill) in the northern extents of the Smiths Ardley Quarry. In addition, several areas of artificial ground are present immediately to the northwest (airfield, railway cutting and Ardley Wood), north (M40 and service station) and east of the site (Ardley / Fields Farm Quarry and Ardley Landfill).

4.4 A geological fault is shown to transect the north and northwest corner of the site, trending west to northeast and downthrown to the north.

4.5 The site and wider infrastructure area is located within a MSA for the protection of the White Limestone for used as a crushed rock material. Based upon plans with the Oxfordshire Minerals and Waste Local Plan there is circa 170 to 180 km^2 of White Limestone Formation bedrock at/near the surface in Oxfordshire. The site area is approximately 2.2 km^2 so represents circa 1.2% of the overall available mineral.

4.6 BGS borehole records and previous ground investigation records generally indicate topsoil or Made Ground underlain by shallow limestone. Further details are provided within the Hydrock (2021) desk study report.

4.7 Ground investigation works completed by BWB in September 2021 generally confirmed the anticipated geological sequences typically recording varying thickness of topsoil and subsoil (up to 1.0m thick) over slightly clayey to clayey sandy limestone recovered as a gravel.

4.8 Limited Made Ground was recorded, mainly encountered around the Ashgrove Farm area.

4.9 Alluvium was encountered in two locations, to the north and southwest of Ashgrove Farm. The deposits were recorded as a soft to firm clayey silt or silty clay.

4.10 The White Limestone Formation was encountered across the site at thicknesses ranging between 0.26m and 9.80m, recovered as a very dense, greyish/orangish brown slightly clayey sandy gravel and gravelly sand, with gravels of limestone and some shell fragments and calcareous concretions. Interbedded layers of very dense grey slightly sandy gravel of limestone and orange, brown clayey sand was encountered towards the southeast of the site. The limestone in this area is understood to be a competent rock which provides significant resistance to standard excavation plant. It should be noted that the greatest thicknesses of limestone were reported in rotary boreholes. The technique used was rotary open hole with the primary objective to install groundwater monitoring wells. This method does not allow visual inspection of intact rock samples to adequately record rock type and relies on interpretation based on fines returned in the water flush. This means that the rock type is generally inferred based on the colour of fines.

4.11 Rutland Formation was encountered at one location to the southwest of Ashgrove Farm from 2.4m to 3.03m bgl within a watercourse valley, comprising firm greenish grey slightly silty, sandy, slightly gravelly clay with occasional shell fragments and gravels of limestone.

4.12 An exploratory hole location plan is presented as **Drawing 2** and exploratory hole logs are presented as **Appendix 2**.

4.13 The underlying ground conditions have been classified by the Environment Agency (EA) as follows:

Superficial Deposits:

- Alluvium: Secondary A Aquifer.
- Head Deposit: Secondary Undifferentiated Aquifer.

Bedrock:

- White Limestone Formation: Principal Aquifer.
- Forest Marble Formation: Principal Aquifer.
- Rutland Formation: Secondary B Aquifer.

4.14 Hydrock state that previous ground investigations on site reported groundwater in the White Limestone Formation at depths between 3.4 and 3.7m below ground level (bgl). Two groundwater bodies were expected by Hydrock at the base of each of the limestones, with the less permeable mudstone/siltstones/clays acting as an aquitard between the shallower and deeper groundwater bodies.

4.15 Groundwater is considered to be in hydraulic continuity with the surface water features on the site. Groundwater flow is generally towards the southeast, although there may be some localised flow towards the railway cutting in the north, and the streams at the base of valleys in the south.

4.16 Several surface watercourses are present on or adjacent to the site as presented below in **Table 3:1**:

Table 4:1: Surface Water Features

Surface Water Feature	Location (Site Area)	Location (Flow)
Gagle Brook	Generally, to the east of the site but crosses the site boundary in the southeast (**southeast onsite – Area SE**) flowing to the southeast.	Overall, hydraulically downgradient
Padbury Brook	North of the site crossing the M40 to the north of J10 (**north (Area N) onsite**) flowing to the east	Hydraulically upgradient
Unnamed watercourses: Two issues located central onsite which join the Gagle Brook offsite in the south.	Centre of the site (**central (Area C) onsite**) flowing southeast	Hydraulically up/ cross-gradient

4.17 Several small drains and ponds and historic springs are also located towards the south of the site.

Mineral Extraction

4.18 Mineral extraction has been undertaken historically in the surrounding area, with several small-scale limestone pits and quarries noted on historical maps and in the Groundsure report. In addition, significant limestone quarrying operations have occurred at:

- The historical Ardley Quarry (also known as Ardley Fields Farm Quarry), to the east of the site, on the eastern side of the B430 road. Small scale mining occurred historically (late 19th Century). Large scale quarrying appears to have commenced in the late 1970s and worked north to south. Mineral extraction appears to have been completed by the late 1990s in this area and the site was backfilled as a landfill (Ardley landfill). Restoration commenced in the early 2000's and the Ardley ERF facility was constructed in the south of the site during the early 2010s.
- The historical Ardley Woods Quarry was located to the north of the site (on the northern side of the railway line). This was quarried (small scale) in the late 19th Century and appears to have been mined more extensively in the late 1970s and early 1980s. It is noted as disused by 1992. The site forms part of the Ardley Woods and Cutting SSSI.
- The historical Ardley Quarry Extension was located to the north-west of the site; north of the Ardley Quarry (on the northern side of the railway line). This was quarried in the early 2000s and is now partially restored (vegetated, with ponds in the east of the former quarry). This quarry now forms part of the Ardley Trackways SSSI.
- Ardley/ Dewar's Farm Quarry to the south of Ardley Quarry; to the immediate east / south-east of the site. This quarry is 'active'. For further information with regard to the Ardley/ Dewar's Farm Quarry, please refer to the information below in Section 5.

4.19 The Hydrock Phase 1 (Main site) assessment details discussions with the Planning & Estates Manager of Smith & Sons (Bletchington) Ltd (the operators of the Ardley Farm Quarry). A summary of the discussion is below;

- The general geological sequence is approximately 1m of weathered limestone (limestone and clay known as "brash"), over 7m of limestone underlain by soft blue clay and mudrock.
- There is groundwater at the base of the limestone, perched on top of the soft blue clay and mudrock.

5. MINERAL PLANNING IN OXFORDSHIRE

The Oxfordshire Minerals and Waste Local Plan (Core Strategy), 2017

5.1 The vision, objectives, spatial planning strategy and policies for meeting development requirements for the supply of minerals (and the management of waste) in Oxfordshire over the period to 2031 are set out in the Oxfordshire Minerals and Waste adopted in September 2017.

5.2 The site is located within a Minerals Safeguarding Area (defined by Policy M8) for protection of a crushed rock (limestone) resource. Although in accordance with the NPPF the Core Strategy explicitly does not include any presumption that all safeguarded resources will ultimately be worked the Core Strategy seeks to prevent non-mineral forms of development from sterilising mineral resources.. Policy M8 specifically provides criteria which apply to development in safeguarding areas which for non-allocated sites are:

- *The need for the development outweighs the economic and sustainability considerations relating to the mineral resource; or*
- *The mineral will be extracted prior to the development taking place.*

5.3 Key points and considerations relevant to this site are highlighted below:

- The provision that should be made for working primary aggregate minerals (sand & gravel, soft sand and crush rock) in Oxfordshire to meet the needs of the county for construction through the plan period (ending 2031).
- Make provision for a steady and adequate supply of minerals over the plan period to meet the planned economic growth and social needs of Oxfordshire.
- Ensure that resources are not needlessly sterilised[3] and remain potentially available for future uses.
- The crushed rock produced in Oxfordshire is generally of relatively low quality with limited end uses (Core Strategy (Paragraph 4.16).
- The County Councils Oxfordshire Local Aggregate Assessment 2014 sets a provision for land-won crushed rock of 0.584 million tonnes a year, with a total required in Oxfordshire for crushed rock between 2014 and 2031 calculated at 10.512 million tonnes.
- If demand grows, and additional supplies of minerals are required, preference will be given to permissions to extend existing quarries rather than for new quarries. The Local Aggregate Assessment 2014 indicates that new quarries are unlikely within the period of the Local Plan.
- As stated earlier in this Report, there is circa 170 to 180 km^2 of White Limestone Formation bedrock at/near the surface in Oxfordshire. The site area is approximately 2.2 km^2 so represents circa 1.2% of the overall available mineral (by area).

[3] 'Sterilisation' is the term used when development or land-use changes take place which permanently prevent the extraction of mineral resources from the ground.

Ardley Quarry

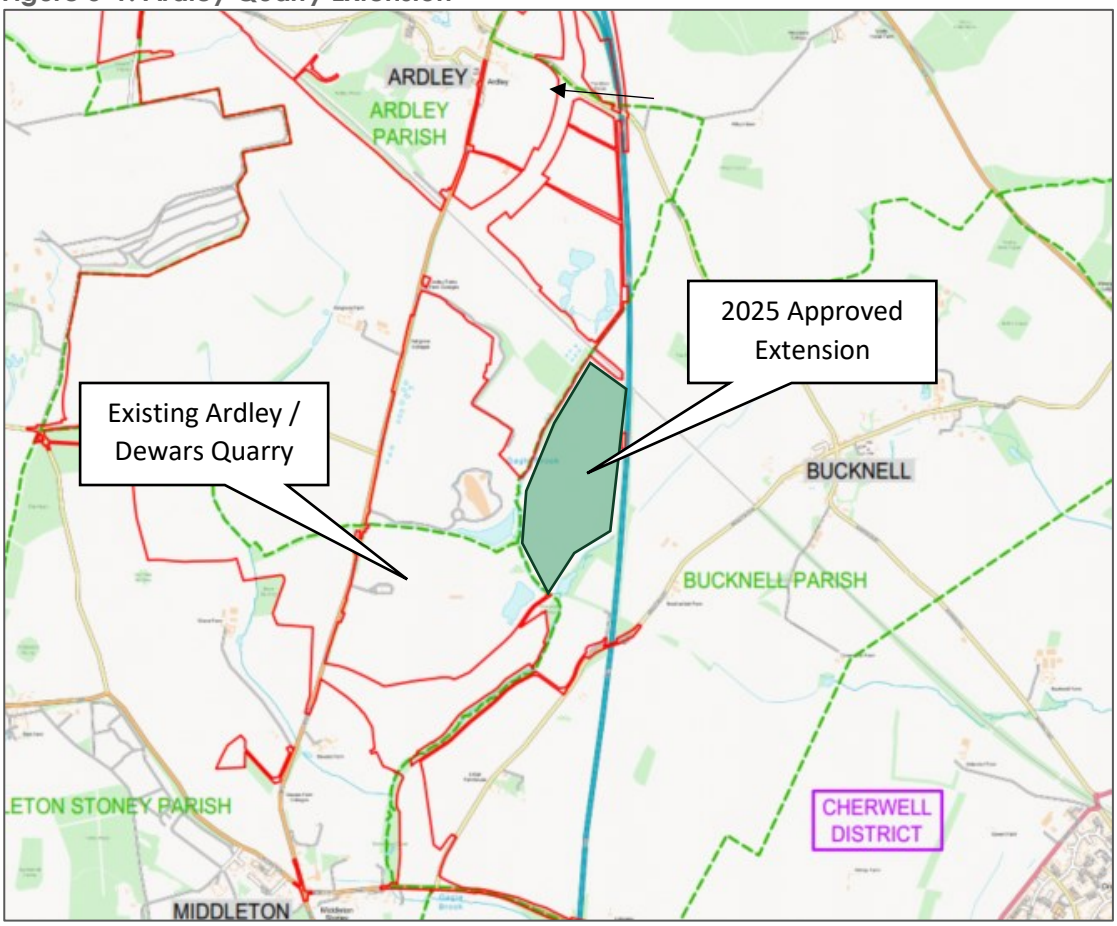
5.4 Ardley Quarry is located immediately east and south of the site and has been subject to limestone removal throughout the 19th century with commercial extraction from the 1980s through numerous extensions.

5.5 Numerous applications have been made to extend the quarry since 2003, the majority of which were refused citing issues with noise, dust, transport and archaeology concerns. A successful application (ref: 18/01610/CM) was submitted on 10th September 2018 and granted on 26th October 2018. The permission allowed for quarrying activities of limestone and clay to continue up until 2028 with restoration works commencing in 2029. The application area covered approximately 51 hectares, assuming an average limestone thickness of 7m, this equates to approximately 8.3million tonnes of mineral to be removed (based on a density of 2.3Mg/m^3).

5.6 A further and the most recent application for extension was approved in May 2025 (planning ref. MW.0049/23) for extraction of approximately 2Mm^3 of limestone rock at a rate of approximately 240,000m^3 per annum extending the extraction from the quarry by a further 8 years, approximately.

5.7 **Figure 4:1** below depicts the quarry extension area in relation to the proposed Stoney Relief Road to the south of the Main Site. The proposed road does not impact upon the currently planned extraction of limestone from the southern tip of the Ardley quarry.

Figure 5-1: Ardley Quarry Extension



Local Aggregates Assessment

5.8 The local authority prepares an annual report on the use and availability of mineral resources. A summary of the availability of crushed rock in the region is provided in **Table 5:1** below.

Table 5:1: Local Crushed Rock Sales and Reserves

Year	Crush Rock Sales (M tonnes)	Crushed Rock Reserves (M tonnes)	Landbank (years)
2016	0.584	8.545	14.6
2017	Not available	Not available	Not available
2018	0.788	7.718	9.9
2019	0.778	6.741	5.96
2020	0.778	7.151	9.19
2021	0.824	6.455	7.83
2022	0.914	6.193	6.78
2023	0.964	4.744	4.9
*2024	0.981	3.359	3.5

*Provisional figures pending approval.

5.9 Based on the 2023 annual report, there were four applications for Crushed Rock outstanding at the end of 2023:

- Whitehill Quarry (MW.0157/22) for 3 million tonnes.
- Dewars Farm (MW.0049/23) for 3.6 million tonnes (since approved).
- Mullin Borrow Pit (MW.0070/23) for 370,800 tonnes.
- A retrospective application for 500,000 tonnes at Shipton on Cherwell.

5.10 The provisional 2024 figures show a sixth consecutive year where crushed rock has fallen below the required level; i.e. the volume of approved reserves to meet the requirements of the Plan Period. A trigger was reached for a policy review of the Oxfordshire Minerals and Waste Core Strategy (2017) in 2019, particularly Policy M2 for Crushed Rock. It is understood that this policy review will be addressed through a new Minerals and Waste Local Plan to be prepared by OCC, with the review process currently underway.

6. MINERAL RESOURCE ASSESSMENT

Potential Mineral Resources

6.1 The limestone deposits in the wider Mineral Safeguarding Area (MSA) are considered to be the only significant resource of hard rock mineral with respect to the Oxfordshire Minerals and Waste Local Plan (2017).

6.2 However, as referred to earlier in this report, there is an area of circa 170 to 180 km^2 of White Limestone Formation bedrock at/near the surface in Oxfordshire.

Extent of Mineral Resource On-Site

6.3 As detailed in **Section 3.0**, the majority of the site area is underlain by the White Limestone Formation, with limited superficial deposits and isolated pockets of Forest Marble Formation (limestone) and Rutland Formation (mudstone).

6.4 Ground investigation undertaken on site has indicated that the limestone rock is generally recorded within 1.0m of the site surface, which correlates with information obtained from operators at the adjacent quarry. The suitable limestone beneath this at the adjacent quarry is indicated to be circa 7m thick. The limestone is indicated to thin out towards the north east corner of the site with the underlying Forest Marble Formation indicated to be at surface in the railway cutting along the northern boundary of the site adjacent to the proposed Railfreight terminal. As a result, it is highly probable that the average thickness of limestone is considerably less than 7m on the Main Site.

BH Ref.	SP52SW2	SP52NW51	SP52NW31	SP52SW99 (Dewars Farm)
X	451825	454850	454930	453490
Y	224550	227740	225390	224210
Location Description	Approximately 1.2km south of the Main Site	Approximately 1.2km east of the site along the M40, where the thickest limestone deposits are expected	Approximately 1.25km north east of the site along the M40, where the thickest limestone deposits are expected	Adjacent to the south east site boundary
Surface (m AOD)	106.1	122.74	103.07	97.0m (estimate)
Top of White Limestone (m AOD)	105.5	120.79	100.07	95.0 (estimate)
Base of White Limestone (m AOD)	99.4	111.19	89.17	87.00 (estimate)
White Limestone Thickness (m)	6.1	9.60	10.90	8.0

6.5 The presence of underlying Rutland Formation mudstone bedrock near surface in the north west of the site, based on BGS mapping, and the dip of the bedrock at the site, it's indicated that the limestone thins out towards the north west of the site, albeit, the highest elevations on site are in the north west. There is also a significant valley running centrally through the site, it is likely to average less than this.

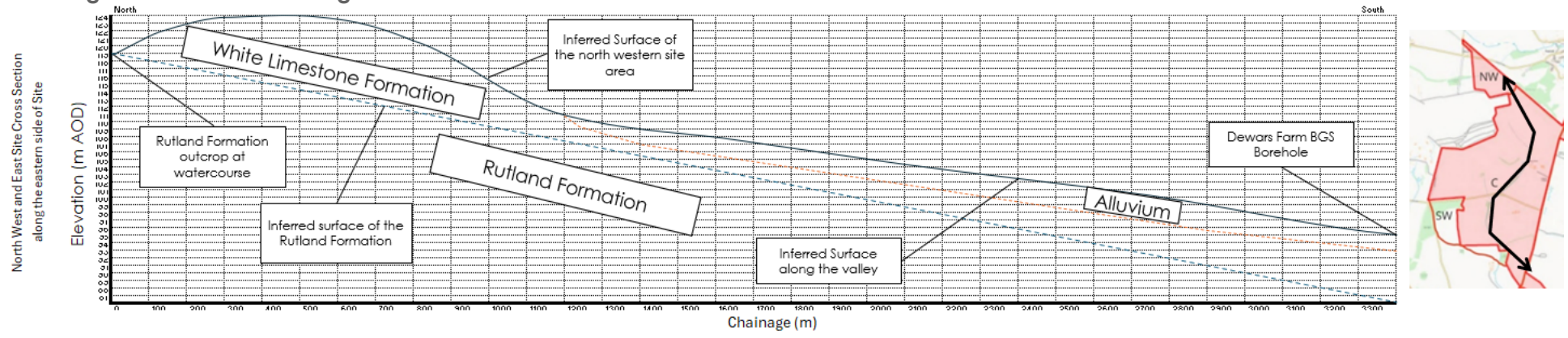
6.6 Given the approximate Main Site area of circa 200 ha, reduced to circa 140ha if suitable buffers of around 50-100m are provided around water courses and sensitive adjacent site uses, this equates to an estimated 27.44 M tonnes of limestone (based on a bulk density of 2.8 tonne/m³) present on site. Current sales rates for limestone from Oxford indicate that this would provide over 27 years of supply, based on recent sales of just under 1M tonnes per annum. **Figure 6-1** below presents a cross section through the site which provides evidence on how volumes of limestone at the site have been estimated.

Mineral Extraction

6.7 Although there is a deficit of limestone for Oxfordshire under the current plan period (up to 2031) it is highly unlikely that there will be an economic demand for this significant quantity of mineral if extracted for sale within the lifetime of the current plan (I.e. 27M tonnes over a 4-5 year period). The extraction rate clearly would vastly exceed demand. The likely timescale for extraction at deliverable and economically viable rates would be considerably slower, extending well into (and probably well beyond) the next plan period. Therefore, extracting the limestone mineral prior to development of the OxSRFI fully would not be realistic and would fail to respond to the clear requirement of NPS to see new SRFIs come forward

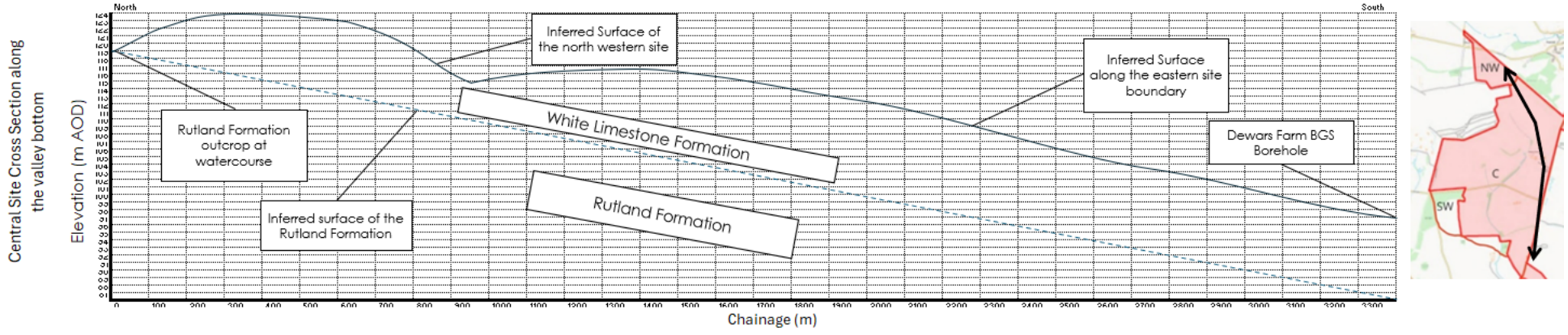
The Application proposes an incidental extraction strategy for workable geological horizons to ensure the on-site reuse of minerals resources. The earthworks earthwork to create proposed development platform levels, railbeds and roadways will require cut and fill of approximately 3.8Mm^3 of soils and rock across the Main Site to create development platforms. This strategy would eliminate the need for imported limestone to the site, reducing any increase in demand on existing supply, and enabling a sustainable approach to construction. This approach is a direct response to Core Strategy Policy M8 to minimise the extent to which the proposed development will sterilise the limestone resource.

Figure 6-1: Inferred Geological Cross Sections



Valley Limestone Thickness* (m):	0.5	4	6	7.5	8.5	9	9	9	8	6	4	3	2	2	2	2	2	2.5	2.5	2.5	3	3	3	3.5	3.5	3.5	4	4.5	4.5	5	5.5	6	6.5	6.5	Average:	4.53

*Thickness exclude 1m topsoil / subsoil.



East Boundary Limestone Thickness*	0.5	4	6	7.5	8.5	9	9	9	8	6	6	7.5	9	10	10.5	11	11	11.5	12	12	11.5	11	11	11	10.5	10	10	10	10	10	10	10	10	10	Average:	9.21
																																				Average:	**6.9**

*Thickness exclude 1m topsoil / subsoil.

7. CONCLUSIONS

7.1 The site lies within a Minerals Safeguarding Area for crushed rock. Oxfordshire Minerals & Waste Local Plan Policy M8 requires consideration of mineral sterilisation and prior extraction, as well as consideration of the 'need' for any alternative development uses of the safeguarded area.

Existing Mineral Resources

7.2 Ground investigation, and assessment of BGS data confirm that the site is predominantly underlain by the White Limestone Formation, with limited areas of Forest Marble and Rutland Formation. Limestone is typically present within approximately 1.0 m of ground level, with an inferred workable thickness of up to 7 m. Allowing for buffers around watercourses and sensitive boundaries, the estimated in-situ resource across the developable area is approximately 27 million tonnes.

7.3 The crushed rock produced in Oxfordshire is generally of relatively low quality with limited end uses (Core Strategy (Paragraph 4.16).

7.4 Although substantial, the rate of extraction required to realise this volume while also allowing the SRFI scheme to progress in a timely manner would exceed the current economic demand for locally won crushed rock. Oxfordshire's Local Aggregate Assessments show a declining landbank; however, extraction at the scale implied by the site resource would not be economically viable or required for sale within the current Minerals and Waste Local Plan period. The Oxfordshire Mineral and Waste Local Plan states that preference will be given to the expansion of existing quarries, such as the expansion of the Ardley Quarry immediately east of the site where an application for further extension was approved in May 2025 (planning ref. MW.0049/23) for extraction of approximately 2Mm^3 of limestone rock at a rate of approximately 240,000m^3 per annum.

7.5 The latest road improvement plans indicate the extraction of the full currently permitted extent of the Ardley quarry will not be impacted by the construction of the Middleton Stoney relief road.

Development Over a Minerals Resource

7.6 The proposed development comprises a Nationally Significant Infrastructure Project in the form of a strategic rail freight interchange (SRFI) . As part of the development of this site a large earthworks exercise will be undertaken, with up to 12.0m of cut required in areas of the site. The latest earthworks model has been designed to balance the amount of cut taken and the amount of fill required (circa 3.6Mm^3), with the intention that no additional material will be required to be imported or exported from site. This approach is supported by the guidance within the Core Strategy by using all excavated minerals from the subject site on the development of that site whilst not putting additional demand on the existing mineral supply and fulfilling the requirement to minimise the use of public highways for mineral transport.

7.7 Although the site contains a potentially viable limestone resource, several factors limit the practical and economic prospects of extraction:

- Extraction of the site as a whole would significantly conflict with the delivery timescales and earthworks sequencing of the nationally significant SRFI proposals.
- The presence of infrastructure corridors, watercourses, ecological buffers and existing land uses reduces the extractable footprint.
- Demand for limestone during the plan period is insufficient to justify commercial quarrying at the scale implied by the resource volume and development timescales. The extraction rate during the development would vastly exceed the demand and destabilise the market.
- The site area represents circa 1.2% of the overall available mineral in Oxfordshire (by area).

7.8 On this basis, prior extraction is not considered reasonable or practicable in this case. The economic need for, and the significance of, the SRFI proposals is considered material to – and to outweigh - any identified conflict or harm to Minerals Core Strategy policies. This forms part of the wider 'planning balance' set out in the Planning Statement.

Summary

7.9 This assessment indicates that a potentially viable mineral resource exists on site, which could meet the local demand for circa 27 years. However, the extraction rate during development (approximately 4-5 years) would significantly exceed the demand. As set out as a mitigation option in the Local Plan, the earthworks exercise should maximise the reuse of arisings as engineered fill where compliant. Although surplus is unlikely, any surplus should be reused on other sites requiring limestone, to demonstrate minimised sterilisation in line with NPPF and Policy M8.

7.10 While the development would sterilise part of a safeguarded resource, the national policy need for the SRFI, its economic and sustainability benefits, and the lack of realistic extraction potential demonstrate that the benefits of the scheme are considered to outweigh the mineral safeguarding considerations.

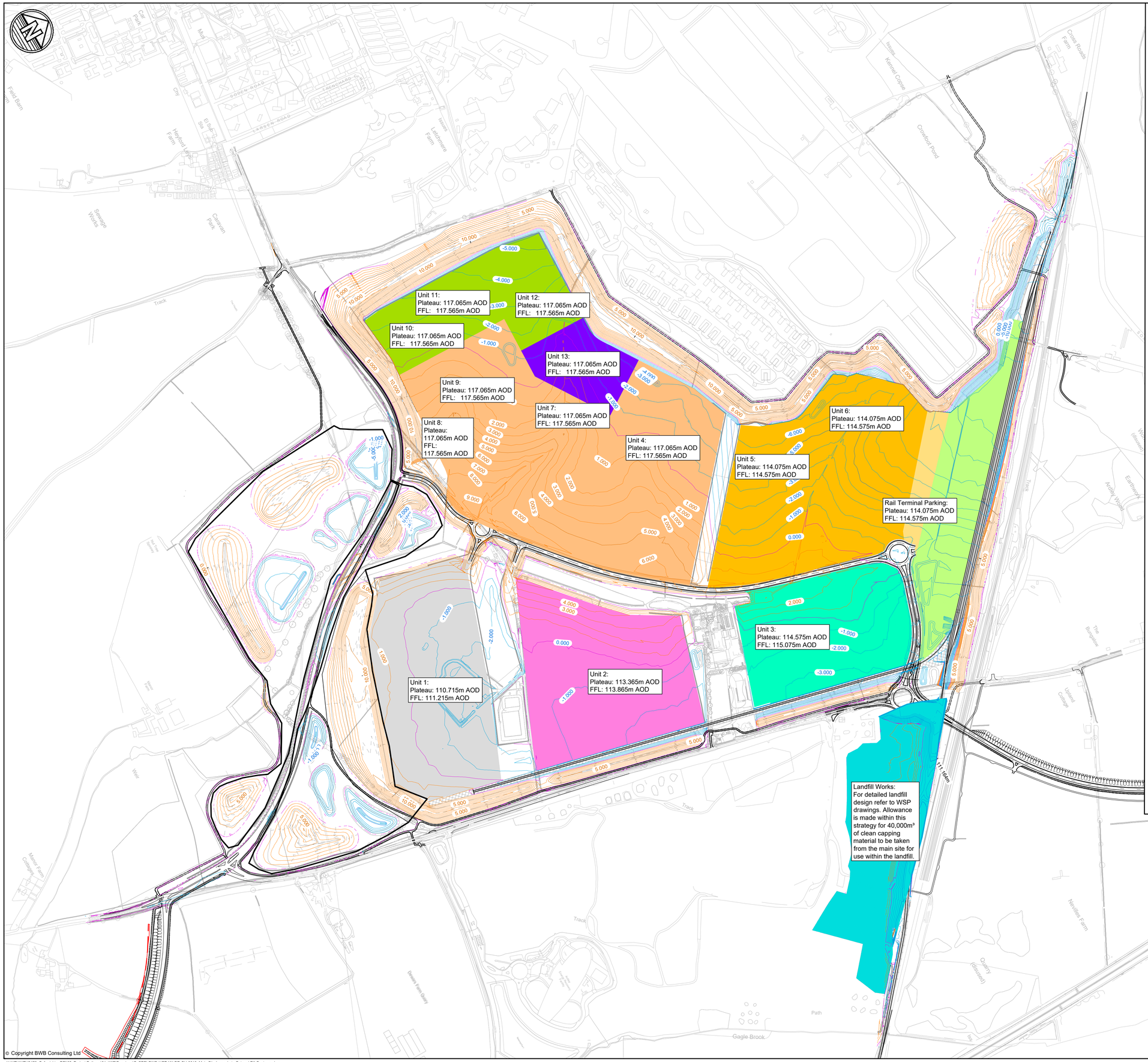
7.11 The proposal accords with the intent of Policy M8, recognising circumstances where non-mineral development may proceed due to overriding need and impracticality of prior extraction based on timescales and practicality.

8. REFERENCES

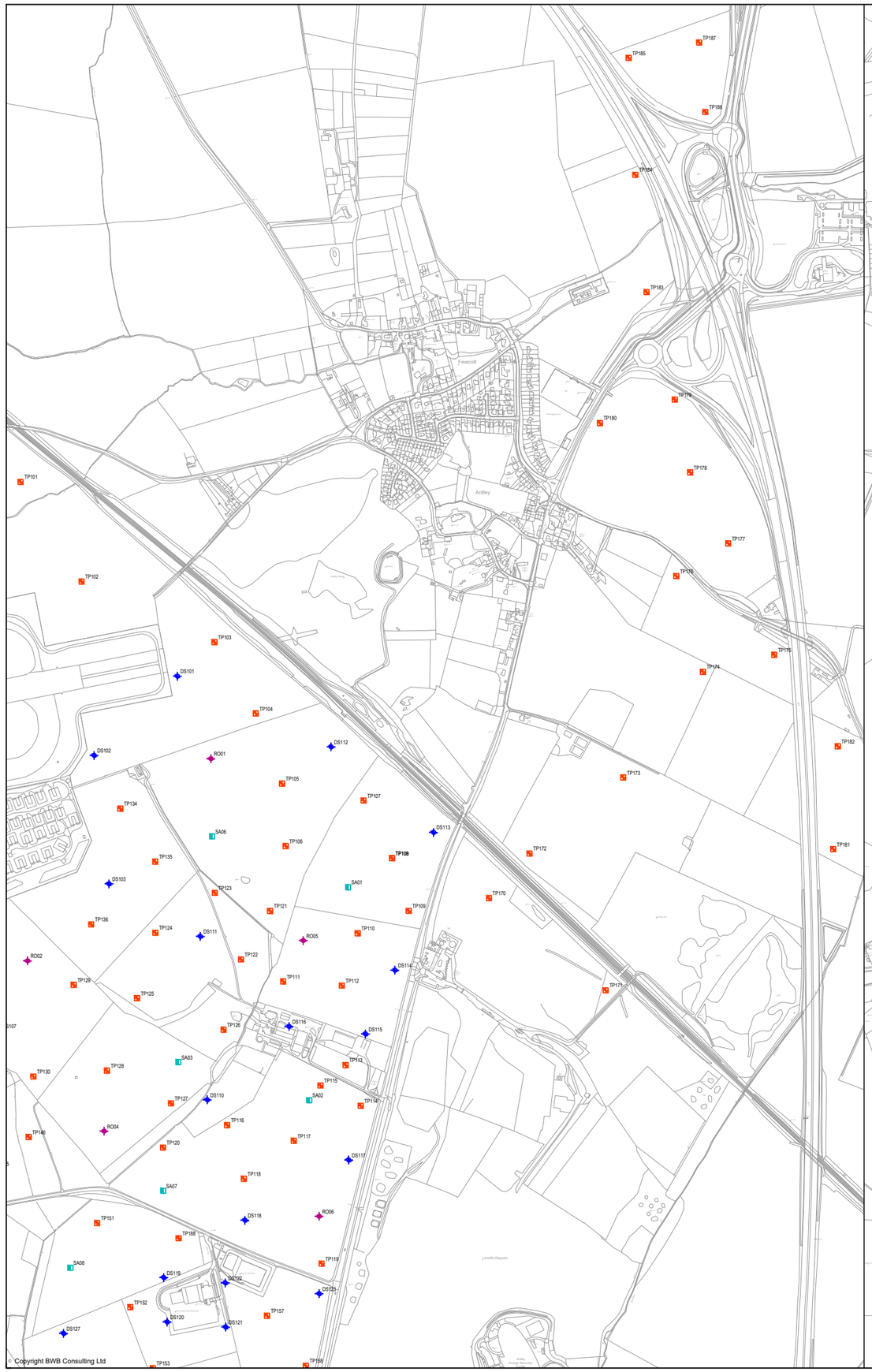
- Department for Transport (2024) National Networks National Policy Statement (designated 24 May 2024).
- Department for Transport (2023) Rail freight growth target.
- Department for Transport (2022) Future of Freight: a long-term plan.
- Network Rail (2021) Oxfordshire Rail Corridor Study – Strategic Report.
- Oxfordshire County Council (2025) Local Aggregate Assessment (Calendar Year 2024) and Cabinet Member report.
- Ministry of Housing, Communities and Local Government (2024/25) National Planning Policy Framework – December 2024 edition (minerals chapter).
- Oxfordshire Minerals & Waste Local Plan Part 1: Core Strategy (2017) – Policy M8 Safeguarding mineral resources.
- Homes & Communities Agency (2015) Employment Density Guide – 3rd Edition.
- Office of Rail and Road (2021) Rail Emissions 2020/21.
- Rail Partners (2023) Freight Expectations: How rail freight can support Britain's economy and environment.

DRAWINGS

Drawing 1: Earthworks Model


Unit 11:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 12:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 10:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 13:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 9:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 7:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 8:
Plateau:
117.065m AOD
FFL:
117.565m AOD
Unit 4:
Plateau: 117.065m AOD
FFL: 117.565m AOD
Unit 6:
Plateau: 114.075m AOD
FFL: 114.575m AOD
Unit 5:
Plateau: 114.075m AOD
FFL: 114.575m AOD
Rail Terminal Parking:
Plateau: 114.075m AOD
FFL: 114.575m AOD
Unit 3:
Plateau: 114.575m AOD
FFL: 115.075m AOD
Unit 2:
Plateau: 113.365m AOD
FFL: 113.865m AOD
Unit 1:
Plateau: 110.715m AOD
FFL: 111.215m AOD
Landfill Works:
For detailed landfill design refer to WSP drawings. Allowance is made within this strategy for 40,000m³ of clean capping material to be taken from the main site for use within the landfill.
Track
Gagle Brook
Path
Quarry (Disused)
Newton Farm
Manor Farm Cottages
Brooks Farm Quarry
Crowford Pond
Cross Roads Farm
Kennel Copse
Hayford Manor Farm
Caravan Park
Sewage Works
Field Barn
Clay Pit
Maypole City
Track
Weir
Path
Gagle Brook

Drawing 2: Exploratory Hole Location Plan



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Notes

1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.

Key Plan

Legend

- TP** — Proposed Trial Pit Location - Target Depth of ~3.5m bgl
- SA*** — Proposed Trial Pit Location - Target Depth of ~3.5m bgl
- DS*** — Proposed Dynamic Sample Borehole - Typical Target Depth of 5.0m bgl
- RO** — Proposed Rotary Open Hole - Typical Target Depth of ~10.0m bgl

Rev	Date	Details of issue / revision	Drw	Rev

Issues & Revisions

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Client

Oxford RFI Ltd

Project Title

Oxford RFI

Drawing Title

Proposed Exploratory Hole Location Plan

Drawn:	RTR		Reviewed:	CR	
BWB Ref:	NTH2479	Date:	Sept. 21	Scale@A3:	NTS

Drawing Status

PRELIMINARY

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
ORFI-BWB-ZZ-XX-DR-YE-0001_PEHLP	Draft	P8

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APPENDICES

Appendix 1: Proposed Site Layout

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Ordnance Survey Mastermap - Crown Copyright. All rights reserved. License Number: 100019980 (Centremapslive.com).

Zone A1

Zone A2

Zone A3

Zone A4a

Zone A4b

Zone A4c

Zone A5

Zone B

Zone C

Zone D

UR

Fewcott

Ardley

Ardley Wood

Landfill (Deposit)

Ardley Energy Recovery Facility

Dewars Farm Quary

The Heath

Kennel Copse

Bell Tree Spinney

Birch Spinney

+ 122.0
+ 130.0
+ 128.0
+ 127.0
+ 131.0
+ 132.5
+ 131.5
+ 132.0
+ 125.0
+ 116.0
+ 117.0
+ 118.0
+ 115.0
+ 113.0
+ 112.0
+ 121.0
+ 120.0
+ 119.0

Schedule of Development Parameters

Development Zone		Number of Building Units	Maximum Development Floor Space per Zone (in m2)	Minimum Finished Floor Level (ffl) (in m Above Ordnance Datum)	Maximum Building Height measured to roof ridge / highest point (in m Above Ordnance Datum)
Zone A1		1 to 6	100,000	110.625	133.325
Zone A2		1 to 4	100,000	112.075	137.575
Zone A3		1 to 4	100,000	114.075	139.575
Zone A4 (a,b,c)		2 to 10	320,000	117.075	
	Zone A4a				142.575
	Zone A4b				138.075
	Zone A4c				135.575
Zone A5		1 to 6	140,000	114.075	139.575
Zone B	Buildings	1 to 4	25,000	111.000	132.575
	Yard	N/A	N/A	111.000	126.345
Maximum Total Floor Space Zone A&B * (See Note 1)			603,850		
Zone C	Buildings	1 to 4	2,500	111.000	126.345
	Yard	N/A	N/A	111.000	126.345
	Cranes	N/A	N/A	111.000	129.345
Zone D		See Central Hub Drawings (see Document series 2.14 & 2.16)			

***Note 1:** The Maximum Total Floor Space Zones A & B is the maximum floor space (excluding mezzanine space) that will be developed across Zones A & B, notwithstanding that the maximum floor space stated for each Zone A1 to A5 & Zone B combined would exceed this figure i.e. it is the overall floor space cap for Zones A & B as a whole, excluding mezzanine floor space. In addition to this total floor space figure, up to 201,283 sqm of floor space can be provided in the form of mezzanine floor space to units within Zones A and B.

****Note 2:** Between any two consecutive spot heights marked on the ridge, the height of the bund, at its ridge, will be no lower than the lower of the two spot heights and no higher than the higher of the two spot heights +/- 300mm

KEY

- Zone A Development Area
- Zone B Rail Freight Interchange and/or Development Area
- Zone C Rail Freight Interchange
- Zone D Central Hub (see Document series 2.14 and 2.16)
- Rail Corridor (including rail line, sidings and associated landscape)
- Rail Corridor within Development Zones and Landscape/Green Infrastructure
- Landscape/Green Infrastructure (including strategic landscape mounding, sustainable drainage features, mixed habitats, biodiversity enhancements)
- Limits of deviation to the Landscape/Green Infrastructure corridor between Zone A4 and A5
- Existing woodland, trees, and planting to be retained
- Areas within which Strategic Mounding is to be provided
- 122.0 — Strategic mounding heights (Above Ordnance Datum (AOD) (+/- 300mm)**(See Note 2)
- Highway Works (see Document series 2.7)
- Estate Roads and access to zones
- Secondary access, Public transport, cyclists, pedestrians and emergency access only
- See highway general arrangement drawings (see Document series 2.7)
- Limits of deviation to estate roads, access to zones and Highway works
- Limits of deviation to rail line
- UR — Existing Underground Reservoir
- Areas for Development Signage

K:\8300\8308\LAND\PLANS\00-Vectorworks\08308-FPCR-ZZ-XX-DR-L-0012-P31-Parameters Plan.vwx
t: 01509 672772 e: mail@fpcr.co.uk w: www.fpcr.co.uk

N

0 100 200 300m

drwn/chkd: CMW / TRJ
scale: 1:5000 @ A1
date: 03/12/2025
number: 08308-FPCR-ZZ-XX-DR-L-0012
rev: P31

client: Oxfordshire Railfreight Limited

project: Oxfordshire Strategic Rail Freight Interchange, Oxfordshire

title: DEVELOPMENT PARAMETERS PLAN: MAIN SITE

DRAFT

FPCR | environment & design

7.5T environmental weight restriction implemented within the Ardley & Fewcott area

Fewcott

Right turn out of services stopped up and replaced by right-turn cut-through at Ardley roundabout

M40 J10

Amendments to Cherwell roundabout

Minor amendments to services entry and exit

Ardley roundabout enlarged

Existing J10 northbound entry slip stopped up

Existing J10 northbound exit slip realigned

Aves Ditch (north) minor works

Turning head

Quarry cottages lane stopped up over railway, replaced by bridleway

Ardley

See inset for M40 J10

Ardley Road diverted over new bypass

Existing J10 southbound entry slip widened and lengthened to a 2-lane merge

Turning head

Upper Heyford Former Airfield

Existing B430 between turning head and rail bridge to have a no motor vehicle except for access restriction

B430 Ardley bypass and OxSRFI link road (Single 2+1)

Segregated left turn lane on exit to direct all HGVs to J10

Principal OxSRFI access

Bridge over Chiltern Mainline

Bridge over new rail sidings

Roundabout on existing B430 (partially signalised)

Existing B430 stopped up and replaced with cycle track over the rail bridge (and Ardley Bypass for traffic)

Chilgrove Drive realignment as part of Heyford Park scheme

Heyford Park

Existing road to Heyford Park stopped up, replaced by the Heyford Park Link Road

B4030

Secondary OxSRFI access (buses, pedestrians cyclists and emergency access)

Camp Road / Chilgrove Drive priority amendment by OxSRFI (only required if the Heyford Park works to the junction are not completed prior to OxSRFI works being needed)

Equestrian crossing

Junction closed and removed

Heyford Park Link Road

B430 Toucan crossing

Existing B430 stopped up

Signal junctions with existing B430

No right turn from Middleton Stoney onto Relief Road

No left turn from Relief Road into Middleton Stoney

B4030

Middleton Road walking, cycling and horse-riding enhancement

Bridleway underpass

Gagle brook crossing

M40

B4030

Bus stops and zebra crossing

Village gateway

Middleton Road roundabout

Middleton Stoney

Middleton Stoney crossroads pedestrian crossing improvements

B4030 Middleton Stoney Road speed limit reduced to 50mph

50

B4030

A4095

Empire Road

Bicester

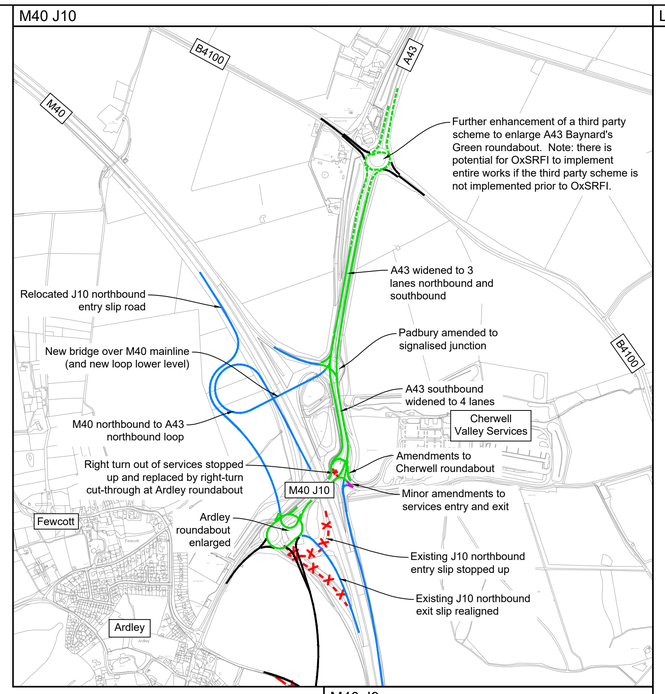
Potential improvements to the B4030/A4095 roundabout and potential alterations to the access to Empire Road

7.5T environmental weight restriction implemented within the Bucknell area

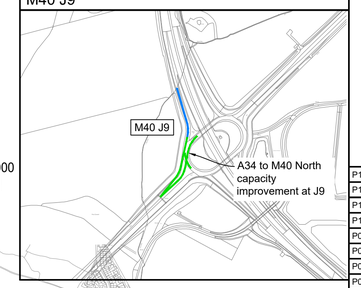
Bucknell

B4030

M40 J10



M40 J9



0 250 500 750 1000

SCALE: METRES

Legend

- Upgraded / new motorway (National Highways)
- Upgraded / new all-purpose trunk road (National Highways)
- Upgraded / new local roads (OCC)
- Private access roads
- Existing highway stopped up
- Third party scheme as described

Rev	Date	Details of issue / revision	Drw	Rev
P13	09.09.25	B4030/A4095 junction added	SRH	SRH
P12	02.09.25	Weight limits amended	SRH	SRH
P11	28.08.25	Minor presentational update	SRH	SRH
P10	31.07.25	Minor presentational update	SRH	SRH
P09	30.07.25	Scheme updates	SRH	SRH
P08	27.01.25	Principal access and J10 works amended	SRH	SRH
P07	05.12.24	Updated to M40 J10 Option 28	SRH	SRH
P06	10.03.23	Scheme updates	SRH	SRH
P05	15.12.22	J10 amendments	SRH	SRH
P04	04.10.22	Updates following Stage 1 consultation	SRH	SRH
P03	30.03.22	Minor text amendment	SRH	SRH
P02	29.03.22	Updated following comments	SRH	SRH
P01	22.03.22	Preliminary Issue	SRH	SRH

Issues & Revisions

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Client

OXFORDSHIRE RAILFREIGHT LTD.

Project Title

OxSRFI OXFORDSHIRE STRATEGIC RAIL FREIGHT INTERCHANGE

Drawing Title

HIGHWAY WORKS OVERVIEW (PHASES 1 & 2)

Drawn:	S. Hilditch		Reviewed:	S. Hilditch	
BWB Ref:	NTH2479	Date:	22.03.22	Scale@A1:	1:10,000

Drawing Status

PRELIMINARY

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
OxSRFI-BWB-GEN-ZZ-SK-CH-SK041	S1	P13

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Appendix 2: Exploratory Hole Records

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453382.19 N227091.08
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS101	WS	120.85m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES1		0.20	120.65		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.	
		0.50	ES2					Brown slightly clayey sandy subangular to subrounded fine to medium limestone GRAVEL with some shell fragments. Sand is fine to medium.	
		0.70	D1		0.70	120.15		Very dense light grey slightly sandy angular to subangular fine to coarse limestone GRAVEL.	1
		0.90	D2						
		1.00	D3						
		1.00	SPT	50 (25 for 105mm/50 for 0mm)					
					1.11	119.74		End of Borehole at 1.11m	

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453167.05 N226887.60
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS102	WS	121.36m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1		0.20	121.16		Brown slightly sandy clayey subangular to subrounded fine to coarse limestone GRAVEL with frequent rootlets. Sand is fine to medium.
		0.50	D1					Very dense greyish brown clayey subangular to subrounded fine to coarse limestone GRAVEL.
		1.00	SPT	N=50 (5,5/50 for 225mm)	0.95	120.41		Stiff light brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse limestone, sand is fine to medium.
		1.10	D2					
					1.38	119.98		End of Borehole at 1.38m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453202.54 N226578.63
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS103	WS	119.48m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.	
		0.20	ES1		0.20	119.28			
		0.30	D3					Brown clayey gravelly fine to medium SAND with occasional shell fragments. Gravel is subangular to subrounded fine to coarse limestone.	
		0.30	ES2		0.35	119.13			
								Very dense grey and orange slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.	
		0.90	D4						
		1.00	SPT	50 (25 for 135mm/50 for 200mm)					1
					1.34	118.14		End of Borehole at 1.34m	

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452540.97 N226388.89
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS104	WS	120.97m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Brown slightly clayey gravelly fine and medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.
		0.30	D1					
					0.40	120.57		
		0.50	ES2					Very dense grey brown sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		1.00	D2					
		1.00	SPT	N=50 (14,8/50 for 227mm)				
					1.38	119.59		End of Borehole at 1.38m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452331.31 N226133.15
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS105	WS	120.51m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.20	D1		0.20	120.31		Greyish brown sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.40	D2					
		0.50	ES2		0.50	120.01		Very dense orangish grey very gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse limestone.
		1.00	D3					
		1.00	SPT	50 (2,3/50 for 145mm)				
					1.30	119.21		End of Borehole at 1.30m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452665.30 N225961.45
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS106	WS	114.04m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1		0.20	113.84		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.50	D1					Very dense greyish brown sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.90	SPT	50 (25 for 85mm/50 for 45mm)				
		0.95 - 1.00	D2					
					1.03	113.01		End of Borehole at 1.03m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.9 m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452935.56 N226178.50
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS107	WS	113.33m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
					0.20	113.13		
		0.30	ES2					Very dense greyish brown slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.40	D1					
		1.00	D2					
		1.00	SPT	50 (25 for 100mm/50 for 45mm)				
					1.15	112.18		End of Borehole at 1.15m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452276.27 N225727.26
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS108	WS	118.17m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.30	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.70	D1		0.70	117.47		Very dense pale greyish brown very sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		1.00 1.00	D2 SPT	N=50 (9,7/50 for 270mm)				
					1.42	116.75		End of Borehole at 1.42m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453497.45 N224637.84
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS109	WS	103.41m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Brown clayey gravelly fine and medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.
		0.20	D1		0.20	103.21		Very dense grey and orangish brown slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.60 0.60	D2 SPT	50 (25 for 120mm/50 for 20mm)				
					0.74	102.67		End of Borehole at 0.74m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453468.14 N226040.31
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS110	WS	108.12m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Soft dark brownish black slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					0.30	107.82		
		0.50	D1					Soft light brown mottled light grey slightly sandy slightly gravelly clayey SILT. Gravel is angular to subangular fine to coarse limestone, sand is fine to coarse.
		0.50	ES2					
		1.00	D2					
		1.00	ES3					
		1.20	D3					
		1.20	SPT	N=8 (2,2/3,2,1,2)				
		1.40	D4					
								At 1.50m bgl: Occasional sand lenses (<50mm).
					1.70	106.42		Soft grey slightly organic slightly sandy slightly gravelly silty CLAY with slight organic odour. Gravel is subangular fine and medium limestone.
		1.80	ES4					

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks
				2.00		

Remarks

1. Hole terminated at target depth. 2. Groundwater encountered at 2.0m bgl. 3. Inspection pit from ground level to 1.2m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453468.14 N226040.31
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS110	WS	108.12m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
	▼	2.00 2.00	D5 SPT	N=16 (4,6/6,4,3,3)	1.90	106.22		Soft grey slightly organic slightly sandy slightly gravelly silty CLAY with slight organic odour. Gravel is subangular fine and medium limestone.	
								Medium dense grey slightly gravelly silty fine SAND. Gravel is angular to subangular fine to coarse limestone.	2
		2.50	D6		2.40	105.72		Firm greenish grey slightly silty slightly sandy slightly gravelly CLAY with occasional shell fragments. Gravel is subangular fine to medium limestone, sand is fine.	
		3.00 3.00	D7 SPT	50 (25 for 8mm/50 for 20mm)	3.03	105.08		End of Borehole at 3.03m	3

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Hole terminated at target depth. 2. Groundwater encountered at 2.0m bgl. 3. Inspection pit from ground level to 1.2m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453469.34 N226398.54
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS111	WS	111.60m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
								Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.20	ES1		0.20	111.40		Very dense brownish grey slightly clayey very sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.50	D1					*Below 0.50m bgl: Occasional shell fragments.*
		0.80	SPT	50 (25 for 80mm/50 for 10mm)				
					1.00	110.60		End of Borehole at 1.00m

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.8m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453768.72 N226913.55
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS112	WS	116.27m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.30	ES1					Brown slightly clayey gravelly fine and medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium limestone. Sand is fine to medium.
		0.50	D1		0.50	115.77		Very dense grey and brown slightly sandy subangular to subrounded fine to coarse limestone GRAVEL Sand is fine to medium.
		0.70	D2					*Below 0.50m bgl: Occassional calcareous concretions and shell fragments.*
		1.00	SPT	50 (4,7/50 for 95mm)				
					1.25	115.02		End of Borehole at 1.25m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E454065.19 N226696.94
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS113	WS	117.74m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm brown slightly sandy gravelly CLAY with low cobble content and frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium. Cobbles are subangular limestone (<90mm).
					0.30	117.44		
		0.40	D1					Firm brown slightly sandy very gravelly CLAY, with low cobble content and shell fragments. Gravel is angular to subangular fine to coarse limestone. Cobbles are subangular limestone (<90mm).
		0.50	ES2					
					0.70	117.04		
		0.80	D2					Very dense whitish light grey slightly clayey slightly sandy angular to subangular fine to coarse limestone GRAVEL with occasional shell fragments. Sand is fine to medium.
		1.00	D3					
		1.00	SPT	N=50 (3,7/50 for 225mm)				
					1.38	116.36		End of Borehole at 1.38m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453956.76 N226355.85
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS114	WS	117.34m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.15	ES1		0.20	117.14		Orangish brown slightly clayey gravelly fine to medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.
		0.40	ES2					Brown slightly clayey gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse limestone.
		0.50	D1		0.60	116.74		Very dense whitish light grey slightly clayey slightly sandy angular to subangular fine to coarse limestone GRAVEL with occasional shell fragments. Sand is fine to medium.
		1.00	SPT	50 (8,17/50 for 155mm)				
		1.60	D2					

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

EXPLORATION & TESTING ASSOCIATES

Dynamic Sample Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453956.76 N226355.85
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS114	WS	117.34m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					2.00	115.34		Very dense whitish light grey slightly clayey slightly sandy angular to subangular fine to coarse limestone GRAVEL with occasional shell fragments. Sand is fine to medium.
								End of Borehole at 2.00m

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453849.84 N226192.02
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS115	WS	113.95m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm brown slightly sandy gravelly CLAY, with low cobble content and frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium. Cobbles are subangular limestone (<90mm).
					0.30	113.65		
		0.50	D1					Firm brown slightly sandy very gravelly CLAY, with low cobble content and occasional evaporite veins and shell fragments. Gravel is angular to subangular fine to coarse limestone. Cobbles are subangular limestone (<90mm).
		0.50	ES2					*At 0.60m bgl: Frequent evaporite veins.*
		0.80	D2					
		1.00	D3					
		1.00	SPT	N=50 (1,7/50 for 225mm)				
					1.38	112.57		End of Borehole at 1.38m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453663.02 N226189.96
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS116a	WS	113.90m AoD	JM	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.00	SPT	50 (9,12/50 for 155mm)	0.05	113.84		MADE GROUND: Light brown slightly silty sandy angular to subangular fine to coarse limestone GRAVEL with rare iron bolts (<20mm). Sand is fine to medium.
		0.02	ES1					Weak light grey LIMESTONE.
					0.31	113.58		End of Borehole at 0.31m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.1m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453811.11 N225879.49
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS117	WS	114.69m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.20	D1		0.20	114.49		
		0.25	ES2					Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
		0.80	D2					
		0.80	SPT	50 (17,8/50 for 155mm)				
					1.11	113.58		End of Borehole at 1.11m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.8m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453549.47 N225728.04
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS118	WS	112.97m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Brown clayey gravelly fine to medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium limestone.
		0.40 0.40	D1 ES2		0.40	112.57		Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
		1.00 1.00	D2 SPT	50 (25 for 85mm/50 for 10mm)				
					1.10	111.87		End of Borehole at 1.10m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453340.81 N225598.36
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS119	WS	112.70m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.20	D1		0.20	112.50		Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
		0.50 0.50	D2 SPT	50 (25 for 80mm/50 for 185mm)				
					0.77	111.92		End of Borehole at 0.77m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.5m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453356.20 N225477.11
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS120	WS	110.91m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.40	D1		0.40	110.51		
		0.65	D2					Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
		0.95	SPT	50 (12,11/50 for 185mm)				
					1.29	109.62		End of Borehole at 1.29m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453501.46 N225461.85
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS121	WS	111.42m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES1		0.20	111.22		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.	
		0.50	D1					Grey and orangish brown slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.	
		1.00 1.00	D2 SPT	50 (8,12/50 for 115mm)					1
					1.27	110.15		End of Borehole at 1.27m	

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.0m bgl. Difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453510.83 N225558.19
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS122	WS	112.17m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1		0.20	111.97		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.50	D1					Very dense pale greyish brown very sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.84	D2					
		1.00	SPT	50 (25 for 60mm/50 for 60mm)	0.97	111.20		End of Borehole at 0.97m

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.85m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453652.07 N225595.24
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS123	WS	112.93m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description	
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.	
		0.30	D1						
		0.70	ES2						
		1.00	D2		1.00	111.93		Stiff brown slightly gravelly sandy CLAY. Sand is fine to medium, gravel is subangular to subrounded fine to coarse limestone.	1
		1.20	SPT	N=11 (3,2/3,2,3,3)					
					1.70	111.23		Very dense grey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.	
		1.80	D3		1.80	111.13			
		1.80	SPT	50 (25 for 15mm/50 for 0mm)					

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.2m bgl.

EXPLORATION & TESTING ASSOCIATES

Dynamic Sample Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453652.07 N225595.24
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS123	WS	112.93m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								End of Borehole at 1.80m

2

3

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 1.2m bgl.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453627.34 N225257.36
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS124	WS	109.04m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.30	D1		0.30	108.74		
		0.65	D2					Grey and orangish brown slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.75	SPT	50 (25 for 135mm/50 for 155mm)	0.75	108.28		End of Borehole at 0.75m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.75m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452841.33 N225057.96
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS125	WS	108.94m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.30	D1		0.30	108.64		Stiff brown sandy very gravelly CLAY. Gravel is subangular to subrounded fine to medium limestone, sand is fine to medium.
		0.40	ES2					*Below 0.50m bgl: Occasional calcareous concretions.*
		0.90	D2		0.80	108.14		Very dense grey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		1.00	SPT	50 (25 for 10mm/50 for 10mm)	0.99	107.95		End of Borehole at 0.99m

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.97m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453330.68 N225175.60
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS126	WS	108.17m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Brown clayey gravelly fine to medium SAND, with frequent rootlets. Gravel is subangular to subrounded fine to medium limestone.
		0.30	D1		0.30	107.87		
		0.60 0.60	D2 SPT	50 (25 for 85mm/50 for 95mm)				Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
					0.78	107.39		End of Borehole at 0.78m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.6m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453095.83 N225443.95
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS127	WS	109.37m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1		0.20	109.17		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.55 0.55	D1 SPT	50 (25 for 135mm/50 for 20mm)	0.71	108.66		Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND. End of Borehole at 0.71m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.55m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452899.20 N225734.86
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS128	WS	107.85m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone. Sand is fine to medium.
		0.30	D1		0.30	107.55		Orangish brown clayey gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse limestone.
		0.50	ES2					
		0.65	D2		0.65	107.20		Dense grey and orange clayey very gravelly fine and medium SAND. Gravel is subangular to subrounded fine to coarse limestone.
		0.65	SPT	N=46 (8,9/14,12,13,7)				
		0.90	D3					
		1.00	SPT	N=23 (2,1/3,4,7,9)	1.00	106.85		Medium dense to very dense greyish mottled orange clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. 1
		1.20	ES3					
		1.65	D4					
		1.65	SPT	50 (25 for 30mm/50 for 10mm)	1.69	106.16		End of Borehole at 1.69m

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.65m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452790.03 N225491.05
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS129	WS	111.46m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Brown clayey gravelly fine to medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.
		0.20	D1					
					0.30	111.16		Brown clayey very gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse limestone.
					0.40	111.06		Very dense grey slightly clayey sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.50	D2					
		0.50	SPT	50 (25 for 95mm/50 for 95mm)				
					0.69	110.77		End of Borehole at 0.69m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.5m bgl, difficult to dig.

Dynamic Sample Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453421.23 N224938.51
Project No. : C10172	Crew Name: RGI	Drilling Equipment: Premier 110

Borehole Number	Hole Type	Level	Logged By	Scale	Status
DS130	WS	106.01m AoD	EMB	1:10	FINAL

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Brown clayey gravelly fine to medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium limestone.
		0.30	D1		0.30	105.71		Very dense grey interbedded (<20mm) slightly sandy subangular to subrounded fine to coarse limestone GRAVEL. Sand is fine to medium. Interbedded layers consist of orange brown clayey fine to medium SAND.
		0.90 0.90	D2 SPT	50 (25 for 40mm/50 for 10mm)	0.95	105.06		End of Borehole at 0.95m

1

Hole Diameter		Casing Diameter		Water Strike General		
Depth Base	Diameter	Depth Base	Diameter	Depth Strike	Date Time	Remarks

Remarks

1. Terminated due to refusal on limestone gravel. 2. Groundwater not encountered. 3. Inspection pit from ground level to 0.9m bgl, difficult to dig.

Rotary Core Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453465.72 N226886.42
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO01	RO	119.06m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	Fl	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Drillers description: Brown Limestone.
									5.80	113.26		

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.5m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.5m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 9.8m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453465.72 N226886.42
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO01	RO	119.06m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	Fl	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												End of Borehole at 10.00m

9
10
11
12
13
14
15
16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.5m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.5m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 9.8m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453006.46 N226379.80
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO02	RO	117.24m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.20	117.04		Drillers description: TOPSOIL.
												Drillers description: Brown LIMESTONE.
									4.10	113.14		Drillers description: Grey LIMESTONE.
									4.30	112.94		Drillers description: Brown LIMESTONE.
									5.50	111.74		

1 2 3 4 5 6 7 8

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 9.8m bgl on completion.

Rotary Core Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453006.46 N226379.80
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO02	RO	117.24m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												End of Borehole at 10.00m

9
10
11
12
13
14
15
16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 9.8m bgl on completion.

Rotary Core Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452464.63 N226045.00
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO03	RO	119.20m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	Fl	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.20	119.00		Drillers description: TOPSOIL.
												Drillers description: Brown LIMESTONE.
									5.10	114.10		Driller description: Grey CLAY.
									5.30	113.90		Driller description: Grey LIMESTONE.

1 2 3 4 5 6 7 8

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 6.3m bgl on completion.

Rotary Core Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452464.63 N226045.00
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO03	RO	119.20m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Driller description: Grey LIMESTONE.
									10.00	109.20		End of Borehole at 10.00m

9 10 11 12 13 14 15 16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 6.3m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453198.00 N225952.82
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO04	RO	110.30m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.30	110.00		Drillers description: TOPSOIL.
												Drillers description: Brown LIMESTONE.
									2.20	108.10		Driller description: Grey CLAY.
									2.40	107.90		Drillers description: Grey LIMESTONE with CLAY bands.

1 2 3 4 5 6 7 8

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.3m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.3m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.1m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 13/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453198.00 N225952.82
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO04	RO	110.30m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	Fl	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Drillers description: Grey LIMESTONE with CLAY bands.
									10.00	100.30		End of Borehole at 10.00m

9 10 11 12 13 14 15 16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.3m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.3m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.1m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453694.82 N226429.88
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO05	RO	110.67m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.80	109.87		Drillers description: TOPSOIL.
									5.10	105.57		Drillers description: Brown LIMESTONE.
												Drillers description: Grey CLAY with grey LIMESTONE bands.

1 2 3 4 5 6 7 8

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.8m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.8m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 3.5m bgl on completion.

Rotary Core Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453694.82 N226429.88
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO05	RO	110.67m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Drillers description: Grey CLAY with grey LIMESTONE bands.
									10.00	100.67		End of Borehole at 10.00m

9 10 11 12 13 14 15 16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.8m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.8m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 3.5m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453737.96 N225738.65
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO06	RO	113.64m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.20	113.44		Drillers description: TOPSOIL.
												Drillers description: GRAVELS.
									0.50	113.14		Drillers description: Brown LIMESTONE.
									6.90	106.74		Drillers description: Grey CLAY with thin grey LIMESTONE bands.

1 2 3 4 5 6 7 8

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 8.1m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453737.96 N225738.65
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO06	RO	113.64m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Drillers description: Grey CLAY with thin grey LIMESTONE bands.
									10.00	103.64		End of Borehole at 10.00m

9 10 11 12 13 14 15 16

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.2m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.2m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 8.1m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453327.63 N225174.34
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO07	RO	97.56m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.30	97.26		Drillers description: TOPSOIL.
												Drillers description: Brown LIMESTONE.
									3.60	93.96		Drillers description: Grey LIMESTONE.
									6.40	91.16		Drillers description: Grey CLAY with thin grey LIMESTONE bands.

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.3m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.3m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.2m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453327.63 N225174.34
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO07	RO	97.56m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	Fl	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
												Drillers description: Grey CLAY with thin grey LIMESTONE bands.
									10.00	87.56		End of Borehole at 10.00m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.3m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.3m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.2m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452624.71 N225408.47
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO08	RO	111.74m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
									0.90	110.84		Drillers description: Dig pit/TOPSOIL.
									4.60	107.14		Drillers description: Brown LIMESTONE.
									5.10	106.64		Driller description: Grey CLAY with LIMESTONE bands.
									7.40	104.34		Drillers description: Grey LIMESTONE.
									8.00			

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.9m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.9m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.2m bgl on completion.

EXPLORATION & TESTING ASSOCIATES

Rotary Core Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452624.71 N225408.47
Project No.: C10172	Crew Name: ACE Drilling Services	Drilling Equipment: Beretta T44

Borehole Number	Hole Type	Level	Logged By	Scale	Status
RO08	RO	111.74m AoD	JAM	1:40	FINAL

Well	Water	Depth (m)	Type	FI	Coring TCR	Coring SCR	Coring RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description
										103.74		Drillers description: Grey CLAY.
									8.40	103.34		Drillers description: Grey LIMESTONE.
									10.00	101.74		End of Borehole at 10.00m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Inspection pit from ground level to 0.9m bgl, stopped due to difficult digging. 2. Rotary open hole from 0.9m to target depth. 3. Monitoring standpipe installed to hole base on completion. 4. Groundwater level measured at 7.2m bgl on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453796.14 N226574.08
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA01	TP	115.06m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.30	114.76		Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
					1.35	113.71		Light brown clayey very gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse limestone, sand is fine to coarse.
					1.69	113.37		Weak to moderately strong light grey LIMESTONE.
					1.70	113.36		End of Trial Pit at 1.70m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.70	0.70					

Remarks

1. Groundwater not encountered. 2. Minor collapse of test pit sides during soakaway test. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453719.10 N226063.77
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA02	TP	115.17m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.30	114.87		
		0.40	D1					Light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL. Sand is fine to medium.
					0.65	114.52		
		0.90	D2					Light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.50	113.67		End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.70	0.70					

Remarks

1. Groundwater not encountered. 2. Minor collapse of test pit sides during soakaway test. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 22/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453384.07 N226118.09
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA03	TP	110.67m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Dark brown slightly gravelly clayey fine and medium SAND with frequent rootlets. Gravel is angular to subangular fine to coarse limestone.
					0.20	110.47		Firm brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.30	ES2					
					0.50	110.17		Firm orangish brown slightly sandy gravelly CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.60	D1					
					1.00	109.67		Firm light brown mottled light grey slightly gravelly silty CLAY with occasional shell fragments and calcareous concretions. Gravel is angular to subangular fine to coarse limestone.
		1.10	D2					
					1.20	109.47		Firm light grey gravelly silty CLAY. Gravel is angular to subangular fine to coarse limestone.
	▼	1.25	D3					
					1.30	109.37		Weak light grey LIMESTONE.
					1.35	109.32		End of Trial Pit at 1.35m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.70	0.70				1.30	

Remarks

1. Groundwater encountered at 1.3m bgl. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452510.93 N226215.99
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA04	TP	121.30m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.25	121.05		
		0.50	D1					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	ES2					
					0.60	120.70		
		1.00	D2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
					1.10	120.20		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
1.70	0.60					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 22/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452923.70 N225852.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA05	TP	109.45m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	109.15		
		0.40	ES2					Firm light brown becoming dark greyish brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.50	108.95		
		0.60	D1					Soft to firm dark greyish brown slightly gravelly silty CLAY with occasional calcareous concretions. Gravel is angular to subangular fine to coarse limestone.
		1.00		HVP=34				
					1.20	108.25		
		1.30	D2					Firm yellowish brown mottled light grey and orange slightly sandy clayey angular to subangular fine to coarse limestone GRAVEL. Sand is fine to medium.
					1.50	107.95		End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453474.75 N226675.07
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA06	TP	114.76m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	114.46		
		0.50	D1					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	ES2					
					0.70	114.06		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.00	D2					
					1.10	113.66		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
1.70	0.60					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453346.00 N225796.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA07	TP	112.79m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.25	112.54		
		0.50	D1					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
					0.90	111.89		
		1.00	D2					Stiff light yellowish brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					1.24	111.55		Weak to moderately strong light grey LIMESTONE.
					1.25	111.54		End of Trial Pit at 1.25m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.60	0.70					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 23/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453125.86 N225607.69
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA08	TP	109.84m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	109.54		
		0.50	D1					Light brown slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.10	B1					
		1.10	D2					
					1.35	108.49		End of Trial Pit at 1.35m

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 23/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452835.06 N225345.30
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA09	TP	108.92m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	108.62		
		0.70	B1					Light yellow brown slightly clayey sandy angular to subrounded fine to coarse extremely weak to weak limestone GRAVEL and COBBLES with low boulder content. Sand is fine to medium, boulders are <250mm subrounded of weak to moderately strong limestone.
					1.16	107.76		End of Trial Pit at 1.16m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.70	0.70					

Remarks

1. Groundwater not encountered. 2. Collapse of test pit sides between 0.3 m and 1.16m bgl. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 23/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453419.36 N225257.96
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA10	TP	108.70m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	108.40		
		0.40	ES2					Firm brown slightly sandy very gravelly CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.55	108.15		
		0.60	D1					Light brown slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.00	D2					
					1.20	107.50		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.70	0.70					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452905.04 N226390.96
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
SA11	TP	120.58m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	120.28		
		0.50	ES2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
		0.60	D1					
					1.10	119.48		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
1.60	0.60					

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453473.75 N227177.03
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP103	TP	124.49m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					0.30	124.19		
		0.50	D1					Brown becoming light brown with depth slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		0.50	ES2					
					0.95	123.54		End of Trial Pit at 0.95m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453580.13 N226992.91
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP104	TP	121.41m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					0.30	121.11		
		0.40	ES2					Brown becoming light brown with depth slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		0.50	D1					
		1.00	D2		1.00	120.41		End of Trial Pit at 1.00m

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453643.50 N226819.39
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP105	TP	116.93m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					0.30	116.63		
		0.40	D1					Firm brown becoming light brown sandy very gravelly CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.50	116.43		Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.80	D2					
		1.20	D3		1.10	115.83		Stiff yellowish brown and light grey slightly sandy gravelly CLAY, with frequent calcareous concretions and shell fragments. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					1.35	115.58		Weak to moderately strong light grey LIMESTONE.
					1.40	115.53		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453653.00 N226666.00
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP106	TP	114.95m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1		0.30	114.65		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
		0.50 0.50	D1 ES2		0.80	114.15		Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.00	D2					Stiff yellowish brown and light grey slightly sandy gravelly CLAY, with frequent calcareous concretions and shell fragments. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		1.20		HVP=124				
		1.50	D3					
	▼				1.68 1.70	113.27 113.25		Weak to moderately strong light grey LIMESTONE. End of Trial Pit at 1.70m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable			1.68	

Remarks

1. Groundwater encountered at 1.68m bgl, moderate flow. 2. No collapse. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453851.02 N226787.30
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP107	TP	117.03m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					0.30	116.73		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.50	D1					
					0.80	116.23		Firm light brown slightly sandy gravelly CLAY, with occasional evaporite veins. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		1.00	D2					
					1.40	115.63		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		1.50	D3					
					1.60	115.43		Firm light brown slightly sandy slightly gravelly CLAY, with occasional evaporite veins and shell fragments. Gravel is angular to subangular fine to coarse limestone, sand is fine.
		1.70	D4					
					1.78	115.25		Weak to moderately strong light grey LIMESTONE.
					1.80	115.23		End of Trial Pit at 1.80m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453913.35 N226645.03
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP108	TP	117.57m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	117.27		
		0.40	D1					Firm brown slightly gravelly sandy CLAY, with occasional rootlets. Gravel is subangular fine and medium limestone, sand is fine to medium.
		0.40	ES2					
					0.50	117.07		
		0.60	D2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		1.00	D3					
					1.60	115.97		End of Trial Pit at 1.60m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453971.02 N226484.48
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP109	TP	118.30m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
		0.20	B1					
					0.30	118.00		
		0.40	ES2					Firm brown slightly gravelly sandy CLAY, with occasional rootlets. Gravel is subangular fine and medium limestone, sand is fine to medium.
					0.50	117.80		
		0.60 - 1.00	B2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		0.70	ES3					
					1.25	117.06		End of Trial Pit at 1.25m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453825.28 N226469.34
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP110	TP	116.49m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	116.19		
		0.40	D1					Firm brown slightly gravelly sandy CLAY, with occasional rootlets. Gravel is subangular fine and medium limestone, sand is fine to medium.
		0.40	ES2					
					0.55	115.94		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
		0.80	D2					
		1.20	D3					
					1.50	114.99		End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453639.55 N226332.69
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP111	TP	110.11m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	109.81		
		0.40	ES2					Firm brown slightly gravelly sandy CLAY, with occasional rootlets. Gravel is subangular fine and medium limestone, sand is fine to medium.
					0.60	109.51		
		0.80	D1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <240mm subrounded of weak to moderately strong limestone.
					1.20	108.91		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453791.56 N226329.29
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP112	TP	117.04m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	116.74		
								Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <320mm subrounded of weak to moderately strong limestone.
					1.30	115.74		End of Trial Pit at 1.30m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453802.80 N226116.95
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP113	TP	116.21m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.20	116.01		
		0.50	D1					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	ES2					
					0.70	115.51		
		1.00	D2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with medium cobble content. Sand is fine to medium, cobbles are <150mm angular to subangular of extremely weak to weak limestone.
		1.20	B1					
					1.40	114.81		End of Trial Pit at 1.40m

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. No collapse.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453841.00 N226015.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP114	TP	116.80m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	116.50		
		0.40	D1					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
		0.40	ES2					
					0.55	116.25		
		0.70	D2					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.20	D3					
					1.60	115.20		End of Trial Pit at 1.60m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453729.69 N226080.75
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP115	TP	115.36m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					MADE GROUND: Firm dark brown slightly gravelly sandy CLAY with frequent rootlets and occasional plastic and glass fragments. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.20	115.16		MADE GROUND: Brown slightly clayey sandy angular to subangular fine to coarse limestone, brick, slate, concrete and ceramic GRAVEL with frequent glass and plastic fragments and a low cobble and low boulder content. Sand is fine to medium, cobbles and boulders are <250mm subangular subrounded of concrete and limestone.
		0.40	ES2					
					0.90	114.46		MADE GROUND: Bluish grey angular to subangular coarse flat slate GRAVEL.
					1.10	114.26		MADE GROUND: Firm brown slightly gravelly sandy CLAY, with occasional rootlets and glass fragments. Gravel is angular to subangular concrete, brick and limestone.
		1.20	ES3					
					1.30	114.06		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.40	ES4					
					1.70	113.66		End of Trial Pit at 1.70m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453506.00 N225966.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP116	TP	111.74m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	111.44		
		0.40	ES2					Brown becoming light brown with depth slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.50	D1					
					1.00	110.74		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453673.00 N225927.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP117	TP	115.88m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.20	115.68		
		0.30	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
		0.40	D1					
					0.50	115.38		Brown becoming light brown with depth slightly clayey to clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.60	ES3					
		0.80	D2					
					1.10	114.78		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. No collapse.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453548.00 N225832.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP118	TP	114.76m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.20	114.56		
		0.30	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.45	114.31		
		0.50	D1					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
					1.00	113.76		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453748.34 N225646.45
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP119	TP	113.81m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	113.51		
		0.50	B1					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
								Between 0.90m and 1.10m bgl: Pocket of firm light brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		1.00	D1					
					1.40	112.41		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453345.00 N225910.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP120	TP	109.45m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	109.20		
		0.30	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.40	109.05		
		0.50	D1					Firm yellowish brown mottled light grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse limestone, sand is fine.
		0.50	ES3					
		1.00	D2					
		1.00		HVP=152				
					1.40	108.05		Light brown becoming dark grey silty fine and medium SAND.
		1.50	D3					
	▼							
					1.80	107.65		Firm to stiff dark grey slightly gravelly slightly sandy to sandy CLAY, with a moderate organic odour and rare evaporite veins. Gravel is subangular fine to coarse limestone, sand is fine to medium.
		2.00	D4					

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable			1.60	

Remarks

1. Groundwater was encountered at 1.6m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453345.00 N225910.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP120	TP	109.45m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		2.00	ES4					Firm to stiff dark grey slightly gravelly slightly sandy to sandy CLAY, with a moderate organic odour and rare evaporite veins. Gravel is subangular fine to coarse limestone, sand is fine to medium.
					2.38	107.07		Weak to moderately strong light grey LIMESTONE.
					2.40	107.05		End of Trial Pit at 2.40m

3

4

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater was encountered at 1.6m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453613.56 N226507.05
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP121	TP	112.35m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1		0.30	112.05		Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
		0.50	ES2					Brown slightly clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse limestone.
		0.70	D1					
		1.00	B1					
	▼				1.45	110.90		Firm becoming stiff grey becoming dark bluish grey with depth silty CLAY.
		1.50	D2					
		1.70		HVP=144				
		1.80	D3					
		1.90	B2					
		2.00	D4					

1

2

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable			1.45	

Remarks

1. Groundwater was encountered at 1.45m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453613.56 N226507.05
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP121	TP	112.35m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		2.20 2.20	D5	HVP=168	2.10	110.25		Firm becoming stiff grey becoming dark bluish grey with depth silty CLAY.
								Very stiff light bluish grey slightly gravelly CLAY. Gravel is subangular fine to medium extremely weak mudstone.
					2.40	109.95		End of Trial Pit at 2.40m

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater was encountered at 1.45m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453537.49 N226370.43
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP122	TP	111.44m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	111.14		
		0.50	D1					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.00	B1					
		1.40	D2		1.40	110.04		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453462.41 N226564.96
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP123	TP	114.39m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.	
					0.25	114.14			
		0.40	ES2					Firm brown sandy CLAY. Sand is fine.	
		0.50	D1						
					0.80	113.59			
		1.00	D2					Light yellow brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.	1
					1.40	112.99			
		1.50	D3					Stiff to very stiff light grey mottled yellowish brown slightly sandy gravelly CLAY, with a low cobble content and occasional shell fragments and calcareous concretions. Sand is fine to medium, gravel is angular to subangular fine to coarse limestone, cobbles are subangular to subrounded extremely weak to weak limestone.	
		1.90	D4						
					1.98	112.41			
					2.00	112.39			2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453462.41 N226564.96
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP123	TP	114.39m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Weak to moderately strong light grey LIMESTONE.
								End of Trial Pit at 2.00m

3

4

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453326.92 N226461.32
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP124	TP	116.93m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description	
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.	
					0.20	116.73		Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.	
		0.30	ES2						
					0.40	116.53		Brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with a low cobble content. Sand is fine to medium, cobbles are subangular to subrounded extremely weak to weak limestone.	
		0.50	D1						
					0.90	116.03		Light yellow brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.	1
		1.00	D2						
					1.50	115.43		Firm light brown slightly gravelly sandy CLAY, with occasional evaporite veins. Gravel is subangular fine and medium limestone, sand is fine to medium.	
		1.60	B1						
		1.60	D3						
					1.95	114.98		Weak to moderately strong light grey LIMESTONE.	
					2.00	114.93		End of Trial Pit at 2.00m	2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453267.65 N226314.50
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP125	TP	119.11m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm black sandy very gravelly CLAY, with a low cobble content and frequent rootlets. Sand is fine to medium, gravel is angular to subangular fine to coarse limestone. Cobbles are angular to subangular flat extremely weak to weak limestone.
					0.20	118.91		Brown slightly sandy gravelly subangular to subrounded flat extremely weak to weak limestone COBBLES, with a medium boulder content. Gravel is angular to subangular fine to coarse limestone. Boulders are <230mm subangular to subrounded flat weak to moderately strong limestone.
					0.70	118.41		Firm light brown slightly gravelly sandy CLAY, with occasional evaporite veins. Gravel is subangular fine to medium limestone, sand is fine to medium.
		0.90	D1					
		1.20	D2					
					1.35	117.76		Moderately strong light greyish white LIMESTONE.
					1.40	117.71		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453502.02 N226221.60
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP126	TP	106.75m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Dark brown slightly gravelly clayey fine to coarse SAND, with frequent rootlets. Gravel is subangular fine to coarse limestone.
					0.25	106.50		
		0.30	ES2					Firm brown gravelly sandy CLAY, with occasional rootlets. Gravel is subangular fine to coarse limestone, sand is fine to medium.
		0.40	D1		0.40	106.35		Firm yellowish brown mottled light grey slightly sandy silty CLAY. Sand is fine.
		0.50	D2					
					0.80	105.95		Light greyish white slightly clayey sandy angular to subrounded fine to coarse limestone GRAVEL.
		1.00	D3					
					1.20	105.55		Firm light grey mottled yellowish brown slightly sandy slightly gravelly clayey SILT. Gravel is subangular to subrounded fine to coarse limestone, sand is fine to medium.
		1.30	D4					
		1.30		HVP=140				
		1.50	D5					
					1.55	105.20		Weak to moderately strong light grey LIMESTONE.
					1.60	105.15		End of Trial Pit at 1.60m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453364.96 N226021.13
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP127	TP	110.20m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	109.94		
		0.40	D1					Firm light grey mottled yellowish brown slightly sandy gravelly CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.60	109.60		
		0.70	D2					Light grey clayey sandy angular to subrounded fine to coarse limestone GRAVEL, with a low cobble content. Sand is fine to coarse, cobbles are subangular to subrounded extremely weak to weak limestone.
					0.90	109.30		
		1.10	D3					Firm to stiff yellowish brown mottled light grey slightly sandy slightly gravelly silty CLAY with shell fragments. Gravel is angular to subrounded fine to coarse limestone, sand is fine to medium.
		1.20		HVP=92				
					1.39	108.80		Weak to moderately strong light grey LIMESTONE.
					1.40	108.80		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 17/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453205.40 N226103.23
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP128	TP	113.46m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.35	113.10		
		0.50	D1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
					0.78	112.68		Weak to moderately strong light grey LIMESTONE.
					0.80	112.66		End of Trial Pit at 0.80m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453121.06 N226315.08
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP129	TP	116.75m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	116.45		
		0.50	D1					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	ES2					
					0.60	116.15		
								Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with medium cobble content. Sand is fine to medium, cobbles are <150mm angular to subangular of extremely weak to weak limestone.
					0.90	115.85		
		1.00	D2					Weak to moderately strong light greyish white LIMESTONE.
					1.10	115.65		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453387.54 N224803.78
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP130	TP	104.68m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.25	104.43		
		0.40	ES2					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	D1					
					0.60	104.08		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with medium cobble content. Sand is fine to medium, cobbles are <150mm angular to subangular of extremely weak to weak limestone.
		1.00	D2					
					1.40	103.28		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452930.86 N226488.77
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP131	TP	121.82m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	121.52		
		0.50	D1					Firm brown slightly sandy gravelly CLAY, with low cobble content. Gravel is subangular fine to medium limestone, cobbles are <90mm angular to subangular of extremely weak to weak limestone, sand is fine to medium.
		0.50	ES2					
					0.60	121.22		
		0.80	B1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with medium cobble content. Sand is fine to medium, cobbles are <150mm angular to subangular of extremely weak to weak limestone.
					1.00	120.82		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452733.29 N226400.98
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP132	TP	121.80m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	121.50		
		0.50	D1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.50	ES2					
		1.00	B1					
					1.20	120.60		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 14/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452857.12 N226289.97
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP133	TP	118.79m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	118.49		
		0.50	ES2					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.80	D1					
					1.00	117.79		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453249.46 N226749.61
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP134	TP	118.69m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	118.39		
		0.50	D1					Light greyish white clayey sandy angular to subangular fine to coarse limestone GRAVEL, sand is fine to medium.
		1.00	D2					
					1.38	117.31		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
					1.40	117.29		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453327.61 N226623.83
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP135	TP	116.22m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	115.92		
		0.40	ES2					Firm brown becoming light brown sandy very gravelly CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.50	D1					
					0.60	115.62		Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.80	D2					
		1.20	B1					
					1.45	114.77		
					1.50	114.72		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and high cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
								End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 15/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453157.36 N226473.13
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP136	TP	117.27m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	117.02		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.60	D1					
					0.90	116.37		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and high cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.20	B1					
					1.40	115.87		End of Trial Pit at 1.40m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452406.92 N226372.89
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP137	TP	123.40m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.20	123.20		
		0.30	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.50	122.90		
		0.70	D1					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.00	122.40		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452678.21 N226230.83
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP138	TP	117.87m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	117.57		Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
		0.50	D1					
		0.50	ES2					
					0.80	117.07		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and medium cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		1.00	D2					
		1.50	D3					
					1.85	116.02		Weak to moderately strong light grey LIMESTONE.
					1.90	115.97		End of Trial Pit at 1.90m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452815.88 N226062.19
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP139	TP	116.38m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	116.08		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.80	B1					
					1.20	115.18		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452630.28 N226082.16
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP140	TP	118.57m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	118.27		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.50 - 1.00	B1					
					1.00	117.57		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452313.88 N225960.10
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP141	TP	120.97m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1		0.30	120.67		Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.40	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
		0.50	D1		0.60	120.37		Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.00	D2		1.10	119.87		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452495.97 N225921.04
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP142	TP	118.94m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	118.64		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.50	D1					
		0.80	B1					
					1.00	117.94		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452455.77 N225757.98
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP143	TP	118.54m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	118.24		
		0.50	D1					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.00	117.54		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452648.98 N225828.78
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP144	TP	115.35m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	115.05		
		0.50	ES2					Firm dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse limestone. Sand is fine to medium.
					0.80	114.55		
		1.00	D1					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.25	114.10		End of Trial Pit at 1.25m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452810.07 N225893.94
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP145	TP	112.38m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.30	112.08		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.50	D1					
		1.00	B1					
					1.30	111.08		End of Trial Pit at 1.30m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453008.86 N225936.84
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP146	TP	110.29m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
								Firm dark brown slightly sandy slightly gravelly silty CLAY, with occasional rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.20	ES1					
					0.30	109.99		
								Firm light brown mottled light grey and yellowish brown slightly sandy slightly gravelly silty CLAY with occasional shell fragments. Gravel is subangular fine to coarse limestone, sand is fine to medium.
		0.40	ES2					
		0.50	D1					
		0.80		HVP=68				
		1.00	D2					
					1.40	108.89		Light grey slightly clayey sandy subangular fine to coarse limestone GRAVEL, with a low cobble content. Sand is fine to medium, cobbles are subangular to subrounded extremely weak to weak limestone.
		1.50	D3					
	▼				1.60	108.69		Firm to stiff yellowish brown mottled light grey and orangish brown slightly sandy slightly gravelly silty CLAY, with occasional sandy silt bands (<100mm) and shell fragments. Gravel is angular to subangular fine to coarse limestone, sand is fine to coarse.
		1.70	D4					
		1.80		HVP=108				
					1.90	108.39		Very stiff grey slightly gravelly CLAY. Gravel is subangular fine to medium extremely weak mudstone.
		2.00	D5					

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable			1.60	

Remarks

1. Groundwater was encountered at 1.6m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 16/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453008.86 N225936.84
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP146	TP	110.29m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		2.00		HVP=164				Very stiff grey slightly gravelly CLAY. Gravel is subangular fine to medium extremely weak mudstone.
					2.10	108.19		End of Trial Pit at 2.10m

3

4

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater was encountered at 1.6m bgl. 2. No collapse. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452711.08 N225676.91
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP147	TP	113.64m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	113.34		
		0.40	D1					Brown clayey sandy angular to subangular fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.40	ES2					
					0.80	112.84		
		0.90	D2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.30	D3					
					1.50	112.14		End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452892.98 N225589.99
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP148	TP	110.53m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	110.23		
		0.40	ES2					Firm brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.50	D1					
					0.60	109.93		Light yellowish brown clayey sandy subangular fine to coarse limestone GRAVEL, with a low cobble content. Sand is fine to medium, cobbles are subangular to subrounded extremely weak to weak limestone.
		0.90	D2					
					1.10	109.43		Firm light yellow brown slightly gravelly sandy CLAY with occasional shell fragments and calcareous concretions. Gravel is angular to subangular fine to coarse limestone.
		1.40	D3					
					1.50	109.03		End of Trial Pit at 1.50m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452704.34 N225200.96
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP149	TP	110.14m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	109.84		
		0.40	ES2					Brown clayey sandy angular to subangular fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.50	D1					
					0.75	109.39		
		0.90	D2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.00	109.14		Firm light yellow brown slightly gravelly sandy CLAY with occasional shell fragments and calcareous concretions. Gravel is angular to subangular fine to coarse limestone.
		1.10	D3					
					1.19	108.95		Weak to moderately strong light grey LIMESTONE.
					1.20	108.94		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E452949.13 N225197.92
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP150	TP	108.16m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	107.91		
		0.30	ES2					Firm brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.50	B1					
		0.50	D1					
					0.90	107.26		
		1.00	D2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.29	106.87		Weak to moderately strong light grey LIMESTONE.
					1.30	106.86		End of Trial Pit at 1.30m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453179.57 N225720.71
Project No. : C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP151	TP	109.06m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	108.81		
		0.30	ES2					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.50	D1					
		0.80	B1					
		1.00	D2					
					1.10	107.96		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Strike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453276.20 N225490.03
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP152	TP	111.13m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					MADE GROUND: Firm dark brown slightly sandy gravelly CLAY, with occasional rootlets, rare plastic fragments and fabric cloth. Gravel is angular to subangular fine to coarse brick, ceramic pottery, glass and limestone, sand is fine to coarse.
					0.25	110.88		
		0.30	ES2					Firm brown slightly gravelly sandy CLAY with rare rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.55	110.58		
		0.70	D1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and low cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
		1.00	D2					
					1.20	109.93		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453330.62 N225360.96
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP153	TP	109.80m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	109.50		
		0.40	ES2					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
		0.50	D1					
					0.90	108.90		End of Trial Pit at 0.90m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453057.19 N225315.52
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP154	TP	106.53m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.20	106.33		
		0.40	D1					Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and high cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <220mm subrounded of weak to moderately strong limestone.
					0.90	105.63		
		1.00 1.00	B1 D2					Stiff light brown slightly gravelly slightly sandy to sandy CLAY with occasional shell fragments and calcareous concretions. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					1.19 1.20	105.34 105.33		Weak to moderately strong light grey LIMESTONE. End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Unstable				

Remarks

1. Groundwater not encountered. 2. Unstable, collapsed 0.2m - 0.9m bgl. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453283.09 N225048.00
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP155	TP	106.91m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	106.61		
		0.40	ES2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with medium cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		0.50	D1					
		0.80	B1					
					1.20	105.71		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453588.04 N225159.09
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP156	TP	107.63m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	107.33		
		0.40	D1					Firm brown slightly gravelly sandy CLAY with rare rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.55	107.08		
		0.90	D2					Yellowish brown and light grey clayey very sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.10	106.53		End of Trial Pit at 1.10m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453606.05 N225488.76
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP157	TP	112.20m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm brown slightly gravelly sandy CLAY with rare rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.40	ES2		0.35	111.85		Light yellowish brown clayey sandy angular to subangular fine to coarse limestone GRAVEL with low boulder and low cobble content. Sand is fine to medium, cobbles are angular to subrounded of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
		1.00	B1					
					1.60	110.60		End of Trial Pit at 1.60m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453702.64 N225362.97
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP158	TP	110.31m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.35	109.96		
		0.50	ES2					Dark brown becoming light brown clayey sandy angular to subangular fine to coarse limestone GRAVEL, with a low to medium cobble and a low boulder content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone, and boulders are <210mm subrounded of weak to moderately strong limestone.
		0.60	D1					
					0.90	109.41		End of Trial Pit at 0.90m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

Trial Pit Log

EXPLORATION & TESTING ASSOCIATES

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453576.24 N224905.13
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP159	TP	104.45m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.20	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	104.15		
		0.40	ES2					Firm brown slightly gravelly sandy CLAY with rare rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.50	D1					
					0.60	103.85		Yellowish brown and light grey clayey very sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.00	D2					
					1.30	103.15		End of Trial Pit at 1.30m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453396.76 N224772.77
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP160	TP	104.17m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.25	103.92		
		0.30	ES2					Firm brown slightly gravelly sandy CLAY with rare rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
		0.50	D1					
		0.90	D2		0.85	103.32		Yellowish brown and light grey clayey very sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
					1.00	103.17		End of Trial Pit at 1.00m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 21/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453459.13 N224550.90
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP163	TP	102.85m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES1					Firm dark brown slightly sandy gravely CLAY, with frequent rootlets. Gravel is angular to subangular fine to coarse limestone, sand is fine to medium.
					0.25	102.60		
		0.30	ES2					Firm to stiff brown slightly sandy gravelly CLAY, with occasional rootlets. Gravel is angular to subrounded fine to coarse limestone, sand is fine to medium.
		0.40	D1					
					0.55	102.30		Light yellowish brown slightly clayey, sandy, very gravelly angular to subrounded extremely weak to weak limestone COBBLES, with low to medium boulder content. Sand is fine to medium, gravel is angular to subrounded fine to coarse limestone, boulders are <220mm subangular to subrounded extremely weak to moderately strong limestone.
		0.70	B1					
					1.20	101.65		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.

EXPLORATION & TESTING ASSOCIATES

Trial Pit Log

Project Name: Oxfordshire RFI	Client: BWB Consulting Ltd	Date: 20/09/2021
Location: Oxfordshire	Contractor: Exploration & Testing	Co-ords: E453385.59 N225683.16
Project No.: C10172	Crew Name: T&A Cox	Equipment: JCB 3CX

Location Number	Location Type	Level	Logged By	Scale	Status
TP188	TP	113.15m AoD	JAM	1:10	FINAL

Backfill	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES1					Firm dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse limestone.. Sand is fine to medium.
					0.30	112.85		
		0.40	D1					Brown clayey sandy angular to subangular fine to coarse limestone GRAVEL. Sand is fine to medium.
		0.40	ES2					
					0.50	112.65		
		0.60	D2					Yellowish brown and light grey clayey sandy angular to subangular fine to coarse limestone GRAVEL with low cobble content. Sand is fine to medium, cobbles are angular to subangular of extremely weak to weak limestone.
		1.00	D3					
					1.20	111.95		End of Trial Pit at 1.20m

1

2

Dimensions		Trench Support and Comment			Water Stike General	
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Depth Strike	Date Time
2.40	0.70	Stable				

Remarks

1. Groundwater not encountered. 2. Stable. 3. Backfilled with arisings on completion.





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP103
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP104
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP105
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP106
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP107
Drawing:	C10172.TP_1
Date:	21/10/2021

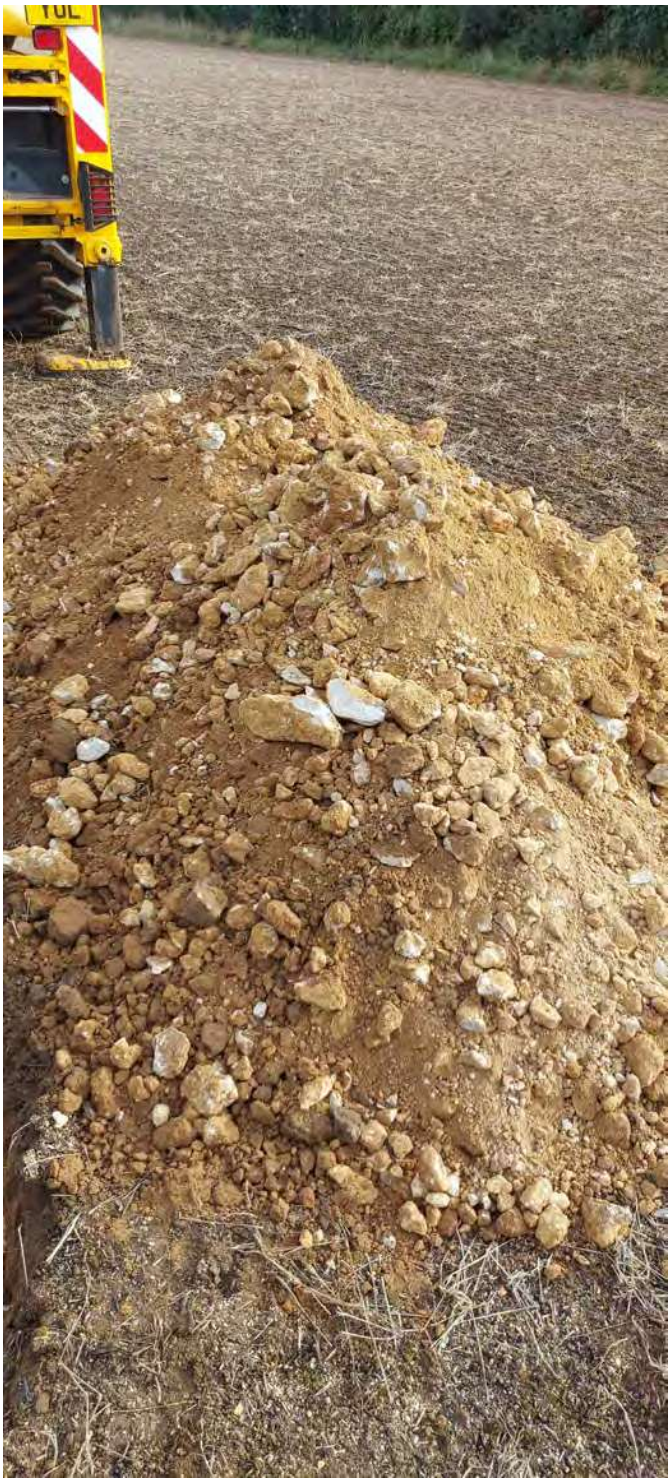
EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP108
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP109
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP110
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES

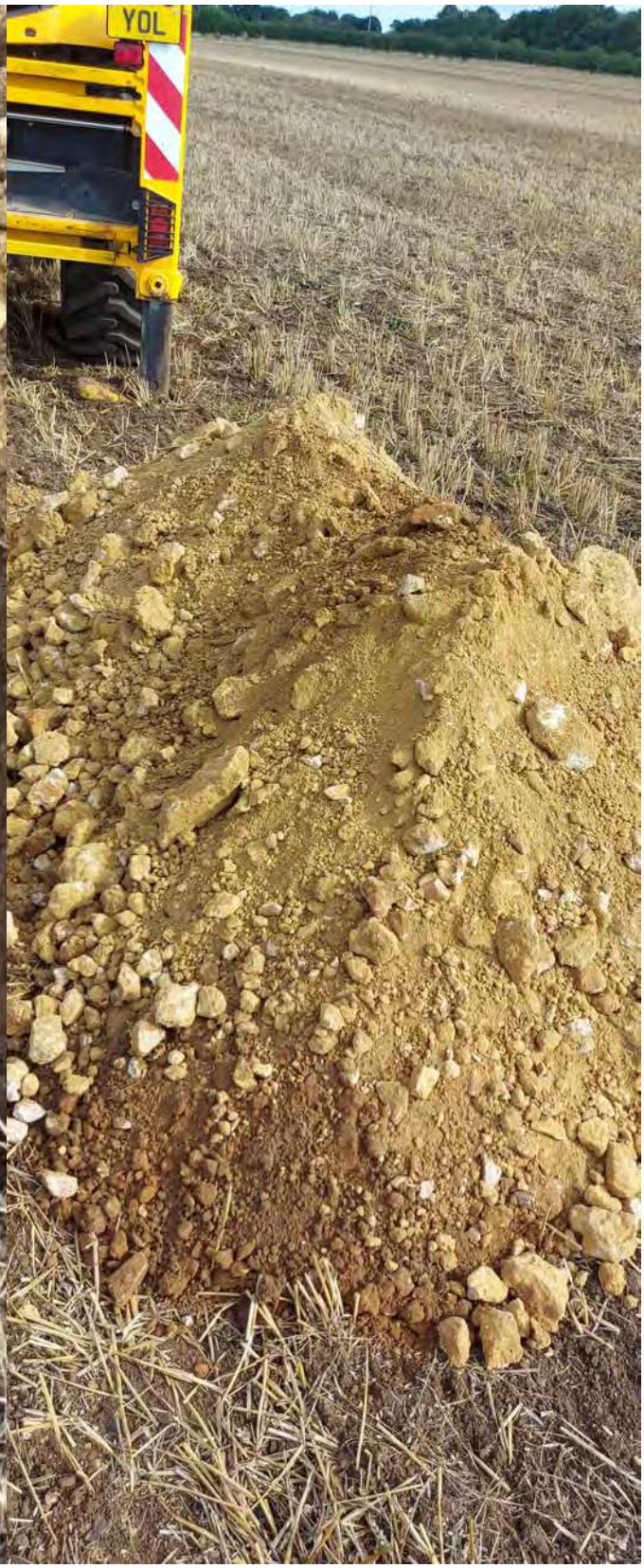




Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP111
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP112
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP113
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP114
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES

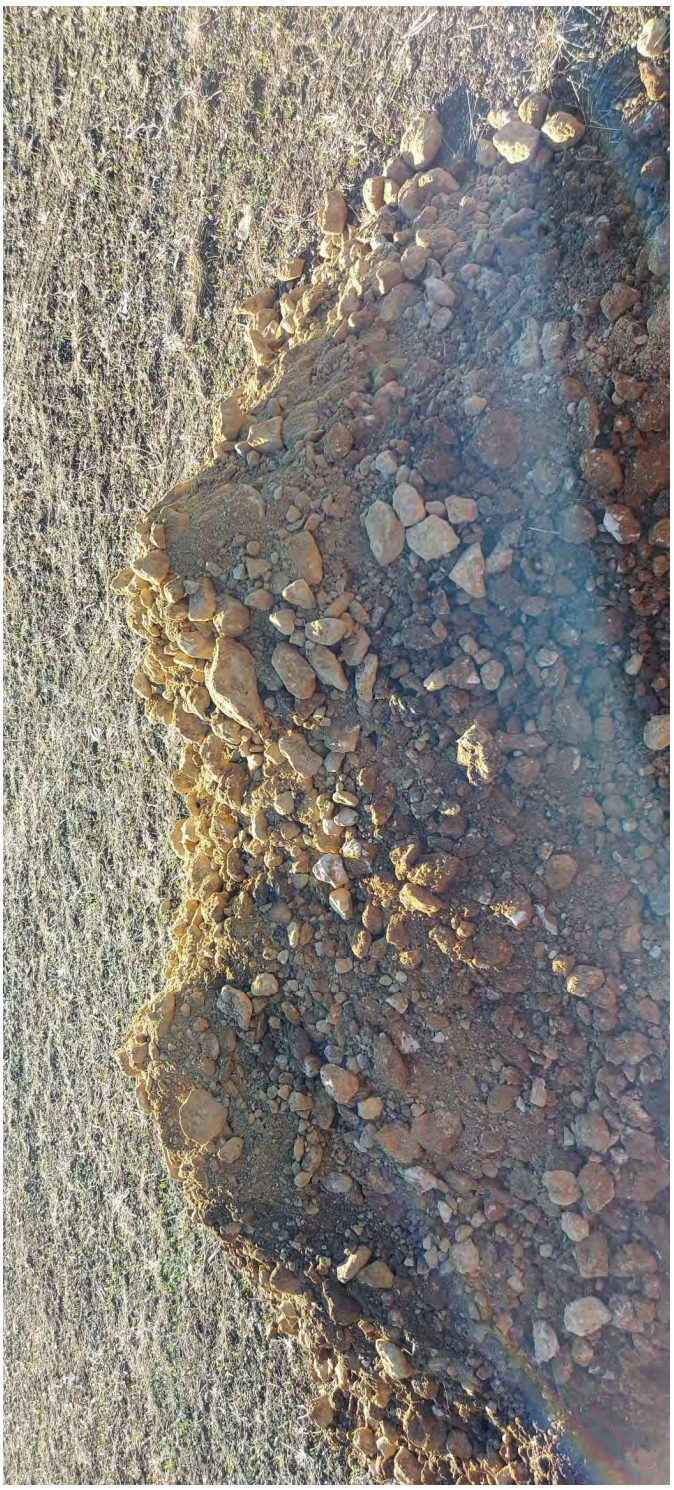




Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP115
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP116
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP117
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP118
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP119
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP120
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP121
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP122
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP123
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP124
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP125
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP126
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP127
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP128
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP129
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP130
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP131
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP132
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP133
Drawing:	C10172.TP_1
Date:	21/10/2021

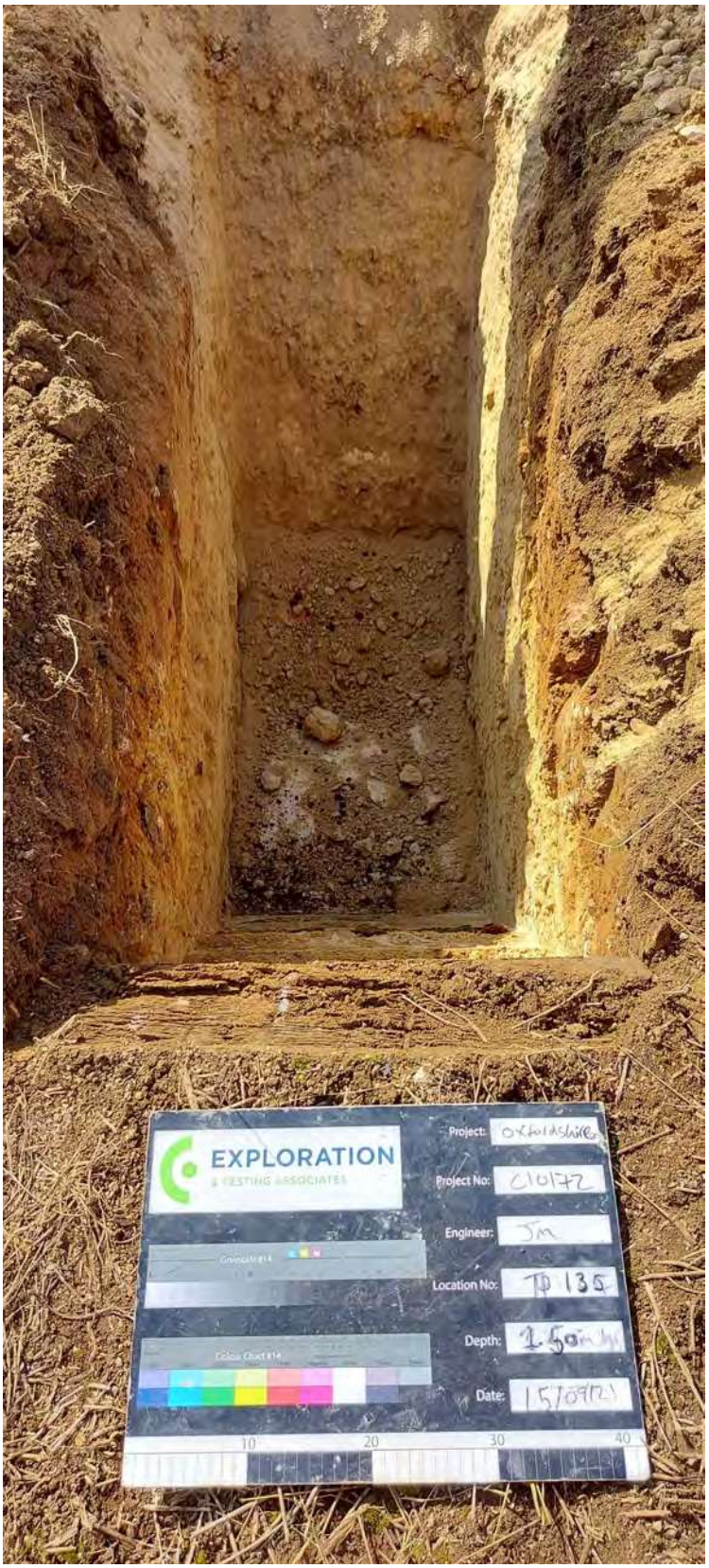
EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP134
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP135
Drawing:	C10172.TP_1
Date:	21/10/2021

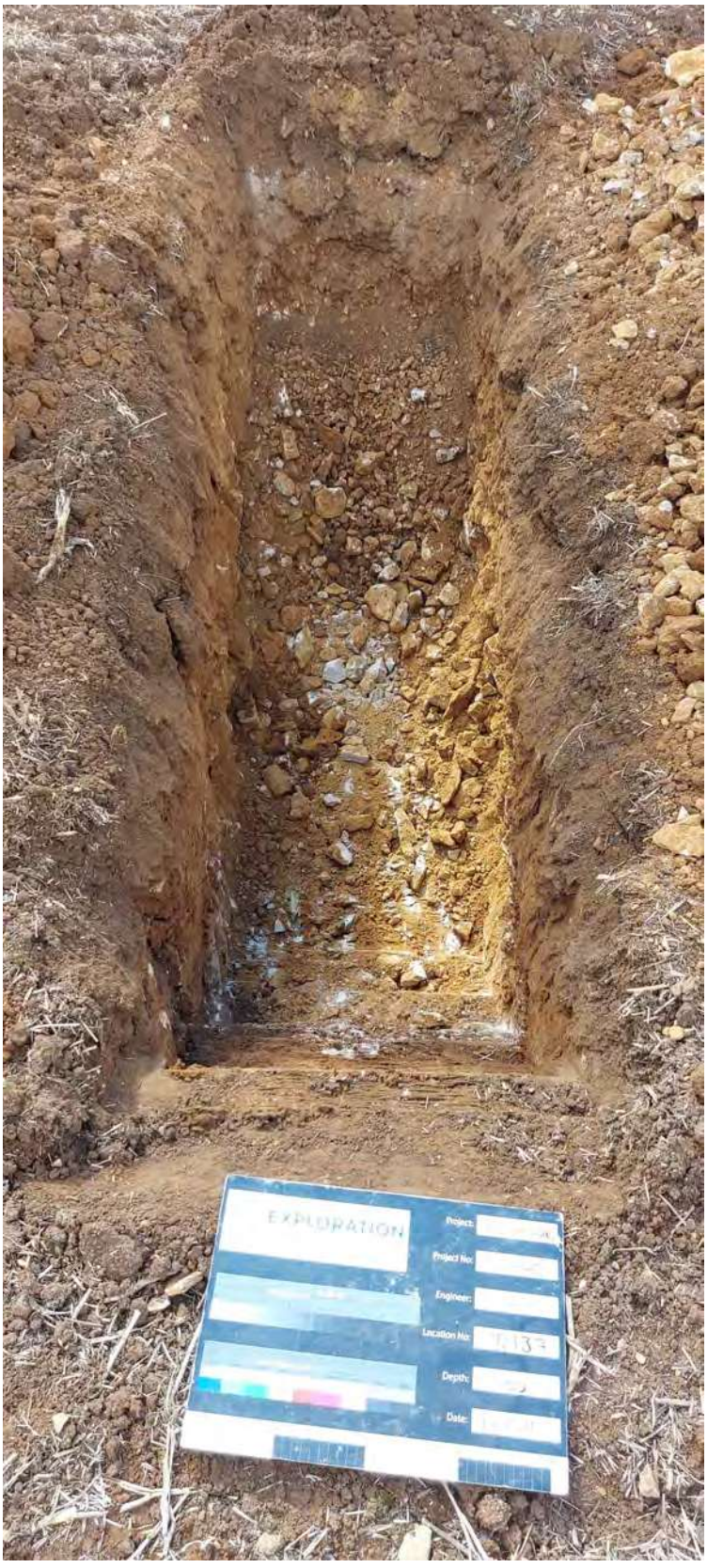
EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP136
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP137
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP138
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





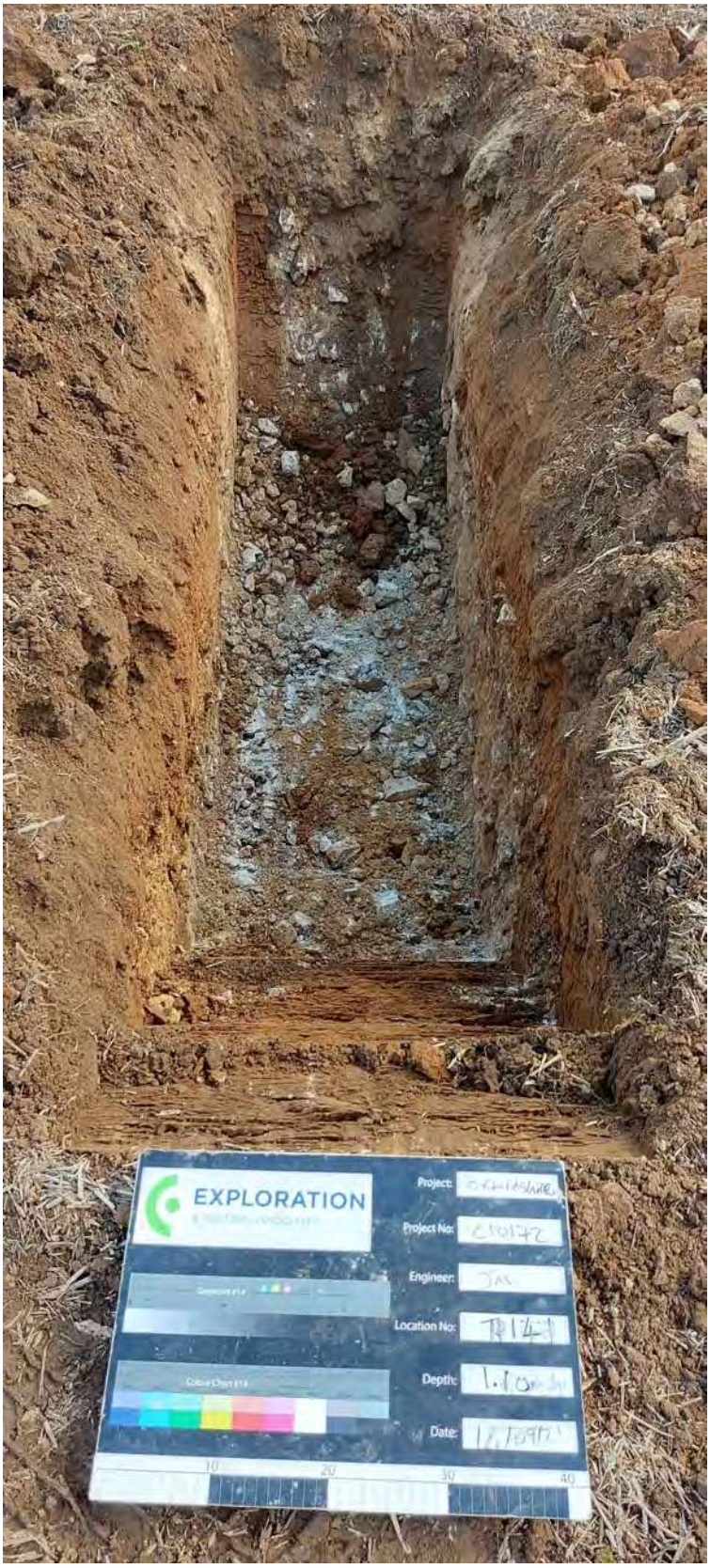
Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP139
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP140
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP141
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP142
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP143
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP144
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP145
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP146
Drawing:	C10172.TP_1
Date:	21/10/2021

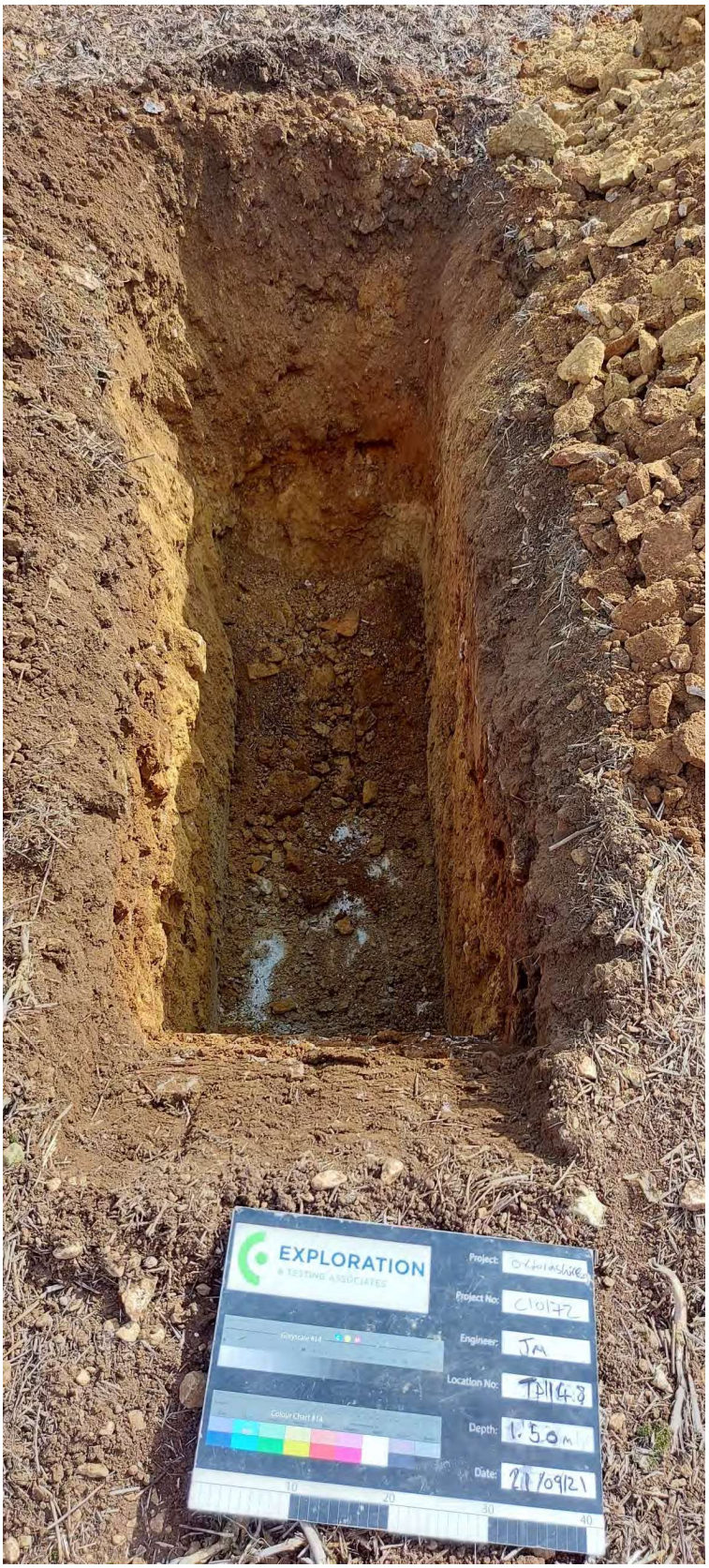
EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP147
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP148
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP149
Drawing:	C10172.TP_1
Date:	21/10/2021

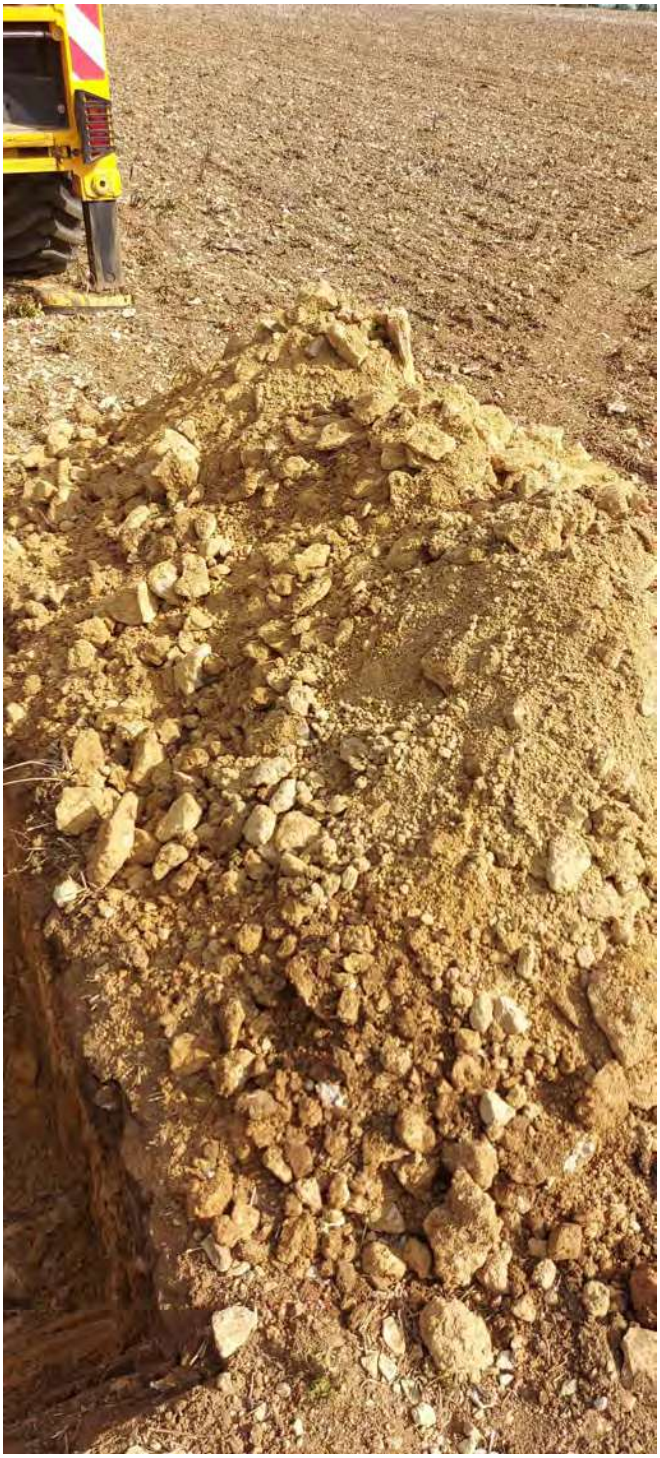
EXPLORATION
& TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP150
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP151
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP152
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP153
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP154
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP155
Drawing:	C10172.TP_1
Date:	21/10/2021

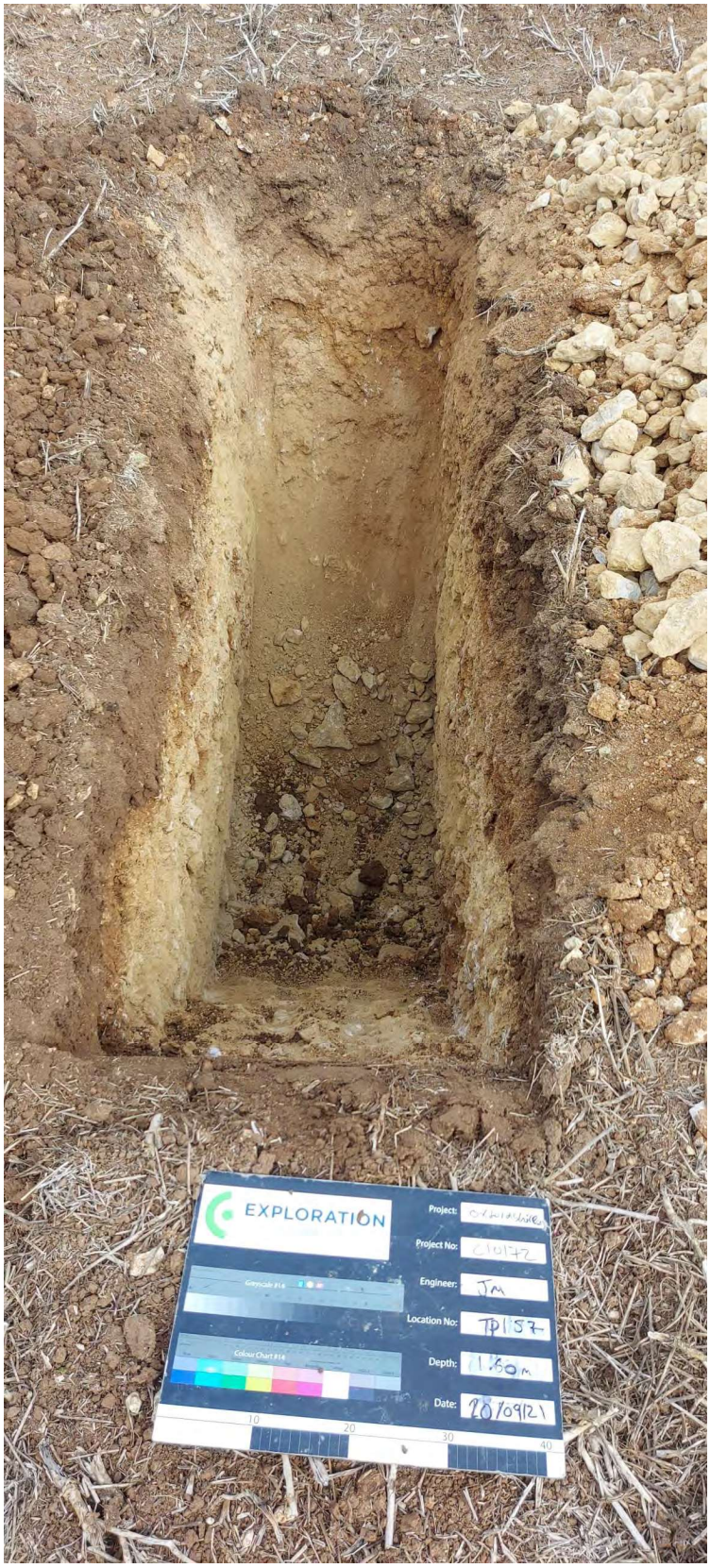
EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP156
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP157
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP158
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP159
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP160
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	TP163
Drawing:	C10172.TP_1
Date:	21/10/2021

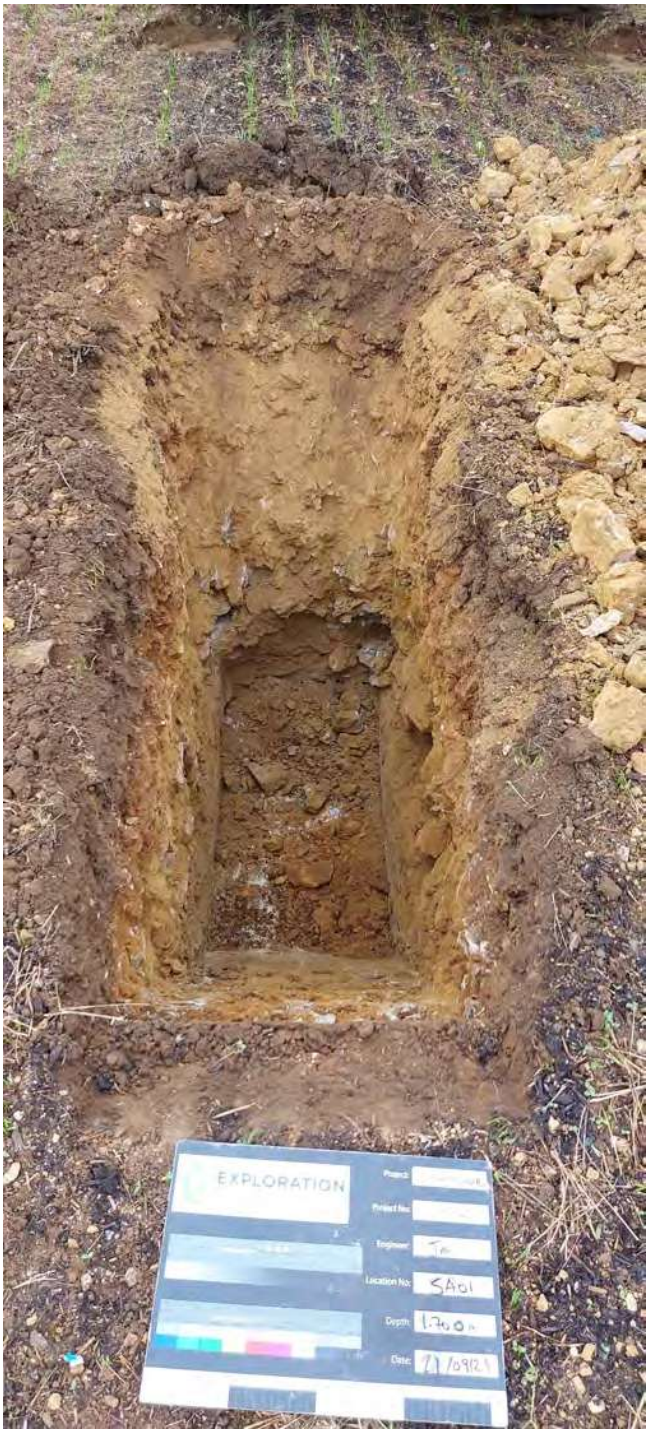
EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	TP188
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA01
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	SA02
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA03
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd

Title:	SA04
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA05
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA06
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA07
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA08
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION
& TESTING ASSOCIATES





Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA09
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA10
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES



Contract:	Oxfordshire
Contract No.:	C10172
Client:	BWB Consulting Ltd
Title:	SA11
Drawing:	C10172.TP_1
Date:	21/10/2021

EXPLORATION & TESTING ASSOCIATES


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