



GROUNDTECH
CONSULTING

CARR LANE, PRESCOT

REVISED COAL MINING RISK ASSESSMENT

PARTNER CONSTRUCTION

JANUARY 2024

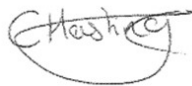
Document Control Form	
PROJECT	CARR LANE, PRESCOT
REPORT NAME	SUPPLEMENTARY COAL MINING RISK ASSESSMENT
REPORT REFERENCE	GRO-22463-4991
STATUS	FINAL
ISSUE DATE	24 JANUARY 2024
REVISION	1.1 24 JANUARY 2024
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Plans		
<i>Plan Reference</i>	<i>Revision</i>	<i>Title</i>
GRO-22463-P01	-	Project Location Plan
GRO-22463-P03	1.2	Exploratory Hole Location Plan
GRO-22463-P17	1.2	Zone of Influence Plan
GRO-22463-P19	-	Section Lines Plan
GRO-22463-P20	-	Depth to Natural Strata Plan

1.0 INTRODUCTION

1.1 Objectives

Groundtech Consulting Limited have been instructed by Partner Construction Limited to undertake a Supplementary Ground Investigation and revise the Coal Mining Risk Assessment for a site at Carr Lane in Prescott.

The following reports have previously been produced for the subject site:

- *Phase 1 and II Geo-Environmental Site Assessment (14-245-R1) by e3p in February 2021*
- *Geo-Environmental Appraisal (GRO-22463-4596) by Groundtech Consulting in August 2023*

The Coal Mining Risk Assessment formed part of the Geo-Environmental Appraisal (GRO-22463-4596) identified a potential risk from mine workings and mine shafts. The appraisal concluded that there was a low risk from mine workings beneath the southern area.

The Coal Authority provided comments in December 2023 highlighting concerns regarding the four mine shafts and welcomed the recommendations to further investigate potential workings beneath the northern area of the site. In addition, as the subject site forms part of a larger opencast to the south and southwest, a risk from settlement associated with highwalls was reported. The Coal Authority comments concluded that they objected to the planning application and their concerns should be addressed.

The supplementary investigation was undertaken to further investigate the following identified risks:

1. *Determine if highwall present and if so locate and record position - records indicate the site forms part of a larger opencast to the south and southeast.*
2. *Workings beneath the northern area of the site*
3. *Two mine shafts on the site (346392-001, 346392-008)*

The two mine shafts on or close to the boundary of the site (346392-015, 346392-016) are to be investigated in January 2024 by an extensive trenching exercise when the necessary vegetation clearance has been completed. This work will compliment the revised development layout (Layout Rev J) presented in *Appendix 1* which accounts for the Zone of Influence from the recorded CA positions of the shafts.

1.2 Proposed Development

The proposed development is residential end use with associated hardsurfaced driveways and soft landscaped private gardens and public open space.



1.3 Limitations

This Coal Mining Risk Assessment is based on information obtained from a number of sources and the information is assumed to be correct.

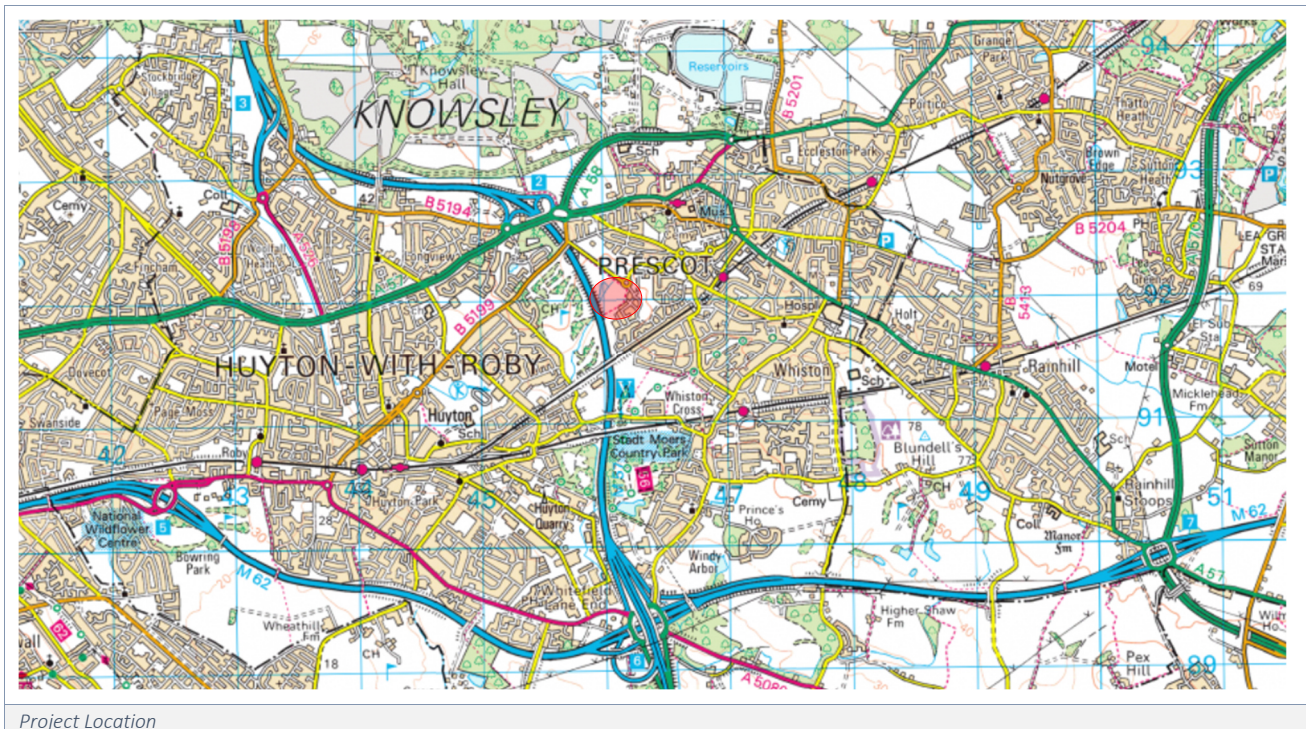
Other conditions may exist on the site that have not been taken into account in this assessment as they are outside the scope of works. Groundtech Consulting are not responsible for these circumstances that are not outlined in the report.

The assessment has been prepared for the exclusive use of the client. No third parties may rely on or reproduce the contents of the report without the written permission of Groundtech Consulting Limited. If any unauthorised third party comes into possession of the report, they rely on it at their own risk and Groundtech Consulting Limited will not be obliged to provide a duty of care.

2.0 SITE SETTING

2.1 Location

The site is located circa 0.9 miles southwest of Prescott Town Centre, as shown on the Project Location Plan GRO-22463-P01 and is approximately centred on National Grid Reference 346080, 392010.



Access to the site is gained off Prescott Park Way, to the northeast of the site.

2.2 Site Description

The site is irregular in shape and circa 3.48 hectares in area. The topography is very uneven with the most elevated point in the centre of the site.

Site Features

The site is currently formed by a vacant piece of land and covered by overgrown vegetation and semi-mature to mature trees. It is evident that areas of the site are self-seeded from the denser mature vegetation around the perimeter and through the centre of the site. Japanese Knotweed is present on the site, stands have predominantly been identified on the eastern area, the ecological survey has confirmed location and coverage.

A mine shaft indicator for Shaft 008 (concrete pyramid marker) enclosed by a chain link fence is present in the south western corner of the site. The concrete slab and marker about the southern boundary of the site with a footpath on the opposite side of the fence to the south.

The site is well trodden, and footpaths are noted throughout, indicative of frequent dog walking and pedestrian use. Locally trees have been cut down and evidence of localised fires were noted.

Site Boundaries and Surrounding Land Uses

The north and west site boundaries are formed by dense vegetation, a noise bund is along the eastern boundary and a metal fence is to the south.

The site is surrounded by the following land uses/features:

- *North* - *Prescot Park Way*
- *East* - *Residential land use*
- *West* - *Prescot Brook*
- *South* - *M57 motorway*

Photographs are presented in Appendix 2

3.0 SUMMARY OF DESK BASED INFORMATION AND CMRA

3.1 Geology

The superficial deposits underlying the site are indicated to be Glacial Till. The solid geology is indicated to be the Pennine Lower Coal Measures which characteristically comprises mudstone, siltstone, sandstone and coal seams.

3.2 Coal Seams

The underlying bedrock strata (Pennine Lower Coal Measures) is characteristically a coal bearing stratum. The nearest coal seam to outcrop the site is the Tenlands Coal Seam which is indicated to subcrop on site dipping south/south west by an angle of 6 to 8°, with an unknown thickness.

The Bastions Coal is indicated to outcrop to the north of the site. From available geological plans, the dipping angle of the Bastions Coal in the surrounding area is indicated to be 6° meaning the seam would be encountered at approximately 6m at its shallowest below the surface of the bedrock beneath the site and is generally indicated to have a thickness of 0.6m to 1.2m.

The next coal seam in the sequence below the Bastions Coal is the Sir John Mine which is below a Sandstone Member. The CA Report records the Rushy Park Coal at 147m below the site.

The estimated dips are provided by the geological sheets, the thickness is taken from the Sheet 84, Wigan Memoir.



Geological Map – Solid Geology

The site was indicated to be within a surface area that is underlain by recorded coal mine workings at depth in the Rushy Park Coal.

3.3 Geological Faults

The nearest fault is situated circa 10m west of the site, the site is indicated to be on the downthrown side, the fault is indicated to be located at the lower elevation to the west of the site.

3.4 Previous Investigation

The following section summarises the Groundtech Consulting Geo-Environmental Appraisal and CMRA referenced *GRO-22463-4596* and dated September 2023.

Two phases of Ground Investigation were undertaken between the dates from 6th June to 9th June and 10th July to 13th July 2023.

The following scope of works was undertaken between 6th June and 9th June 2023:

- 14 No. windowless sample boreholes (WS01 to WS12) were drilled to depths between 0.6m and 5.0m bgl
- 4 No. Rotary Open Hole boreholes (R01 to R04) were drilled to a depth of 30.0m bgl
- 22 No. Trial Pits (TP01 to TP04, TP06 to TP11, TP13, TP15 to TP17, TP20, TP22 to TP23, TP25 to TP29) were excavated to depths between 2.1m and 4.4m bgl
- Surveying of all exploratory holes

The following scope of works was undertaken between 10th July and 13th July 2023:

- 20 No. Trial Trenches (TT01 to TT20) were excavated to depths between 2.2m to 5.9m bgl.
- Surveying of all Trial Trenches and identified Mine Shaft Locations.

The surveyed exploratory hole locations are presented on Groundtech Plan *GRO-22463-P03*.

Ground Model

Made Ground was encountered to a maximum depth of 4.5m bgl and consisted mainly of clayey gravelly sand, clayey sandy gravel and gravelly sandy clay. The Made Ground was underlain by generally firm and stiff sandy gravelly Clay, and gravelly clayey Sand to depths of between 4.5m and 13.3m bgl. Soft Clay was present in TP07 to TP09, TP29, TT02 and WS11 to depths of between 1.2m and 4.0m bgl which is displayed on Groundtech plan *GRO-22463-P08*.

Bedrock was encountered from depths of between 4.5m and 13.3m bgl and consisted of interbedded sandstone, siltstone and mudstone to depths of up to 30m bgl where the holes terminated.

A thin seam of Coal was encountered within R03 between 22.5 to 22.55m bgl.

3.5 Coal Authority Information

The Coal Authority provided the following information.

Underground Mining

The property is in a surface area that could be affected by underground mining at depths within the Rushy Park Seam.

Mine Entries

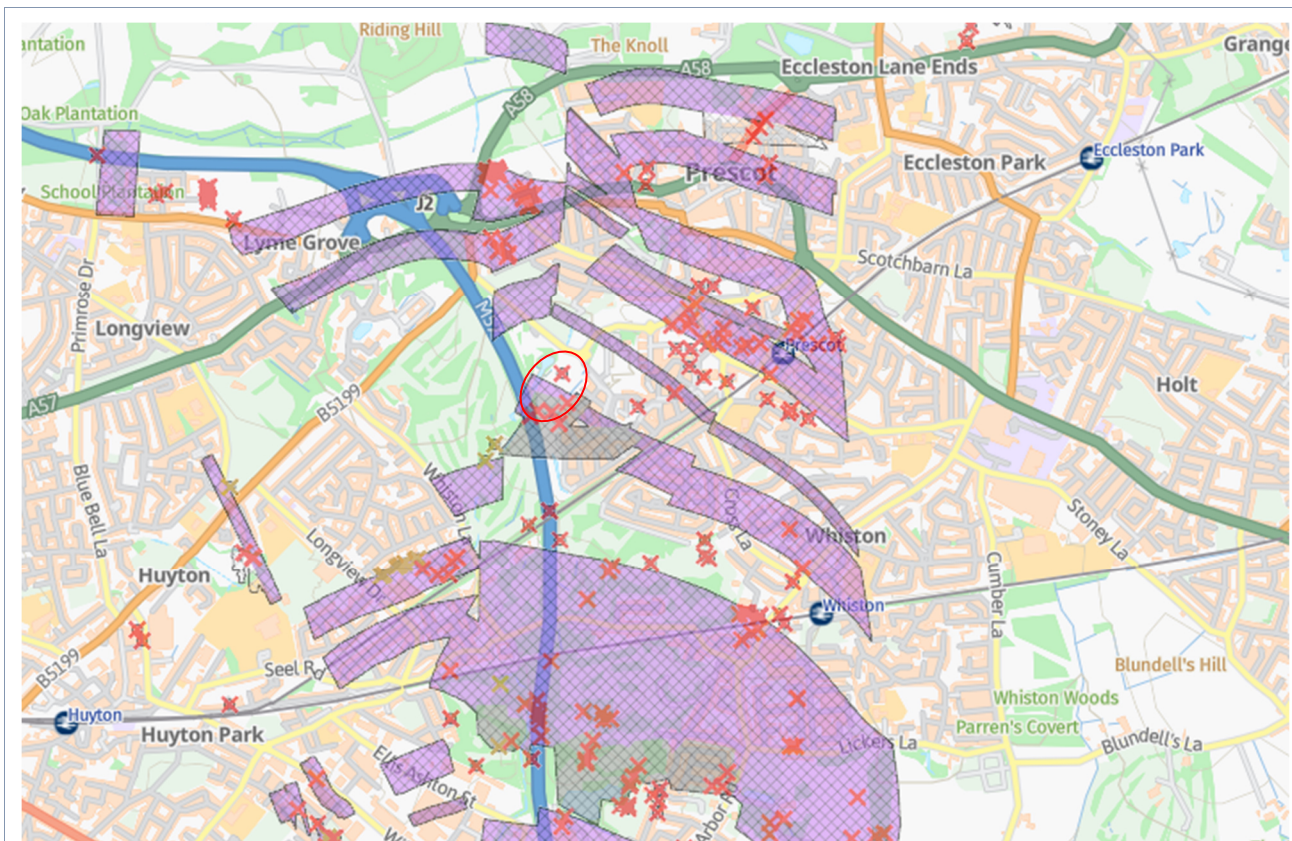
There are 17 mine entries on or within 20m of the site boundary, 4 are located on the site as detailed below:

Type	Reference	Location	Treatment	Mineral
Shaft	346392-001	-	Unknown fill and concrete capped at surface level.	Coal
Shaft	346392-008	-	Unknown fill and concrete cap at 1.4m bgl.	Coal
Shaft	346391-015	-	Not found	Coal
Shaft	346391-016	-	Not Found	Coal

Coal Authority Interactive Map

The following information has been obtained from the online Interactive Coal Authority Map:

- The majority of the south of the site and parts of the north of the site are in a Development High Risk Area.
- Probable shallow workings are indicated to underlie in the south of the site
- There are four mine entries on the site and surrounding area
- Coal outcrops are indicated in the centre of the site and to the north east of the site
- Surfacing mining was undertaken in the south of the site



Coal Authority Interactive Map

4.0 SUPPLEMENTARY GROUND INVESTIGATION

4.1 Objectives

The objectives of the intrusive works were to quantify the risk from historic coal mining legacy as set out in *Section 1.0*.

Remedial recommendations are provided where required to ensure the stability of the surface of the site and the proposed development.

4.2 Scope of Works

The following scope of works was completed between 8th January and 16th January 2024 to assess the potential risk from underground mine workings:

- 12 No. Rotary Open Boreholes (RO201, RO204 to RO212, RO212E4 and RO213/PR262) were drilled between depths of 30.0m and 42.0m bgl using a Klemm 802 tracked drill rig
- 6 No. Trial Pits (TP201 to TP206) were excavated to depths between 2.1m and 3.1m bgl using a 8 tonne excavator
- 74 No. Rotary Probing Boreholes (PR201 to PR271, PR218A, PR218E and PR218W) were drilled between depths of 1.5m to 42.0m bgl using a Klemm 802 tracked drill rig

4.3 Ground Conditions

Made Ground

Made Ground was encountered across the site to depths between Ground Level and 4.5m bgl, the depth or composition of the Made Ground was not logged in the probe holes. Three main Made Ground populations were encountered during the investigation and are described below:

1. Dark brown, clayey gravelly Sand in TP201 to TP206 between Ground Level and a maximum depth of 2.8m bgl
2. Dark brown, sometimes red brown, sandy Gravel in TP203, TP205, and RO206 between Ground Level and 3.0m bgl
3. Fill material in RO201, RO204, RO205, RO207 to RO213 and RO212E between Ground Level and 3.00m bgl.

No return was encountered in the Made Ground in RO205, RO206, RO207, RO209 and RO212E between the depths of 1.0m to 5.5m bgl.

Natural

Firm Brown sandy gravelly Clay was encountered in TP201, TP202, RO209 and RO210 from 1.2m and 3.3m bgl

Bedrock

Bedrock was encountered in RO201, RO204 to RO213, and RO212E from between 4.7m and 33.00m bgl. Two bedrock populations were encountered throughout the ground investigation and are described below:

1. Grey Sandstone in RO201, RO204 to RO208, RO2010, RO211, RO212E and RO213 from 16.2m to a maximum depth of 29.4m bgl

2. Grey Mudstone in RO201 to RO211, RO212E and RO213 from 5.6m to a maximum depth of 33.0m bgl

4.4 Specific Observations

Coal Seams and Specific Observations

A summary of the Coal encountered is presented in the table below:

Location	Depth (m bgl)	Thickness (m)	Observation
RO201	25.0 – 2.60	1.0	Loss of Flush
	29.4 – 30.0	0.6	Intact Coal
	31.0 – 31.4	0.4	Intact Coal
RO205	10.3 – 10.8	0.5	Intact Coal
RO209	11.7 – 12.0	0.3	Intact Coal
RO213	23.1 – 23.8	0.7	Intact Coal

The loss of flush was recorded as fractured bedrock by the driller however could potentially be evidence of workings.

Highwall Investigation

Three linear lines were drilled to investigate if a highwall was present from the historic opencast as presented on GRO-22463-P03_1.2. The probe holes drilled at 3m centres identified a gradual dip in the bedrock as shown on Sections presented in Appendix 1. This confirmed there is no highwall on the subject site associated with the historic opencast, the findings are more indicative of the natural dip of the bedrock.

The linear probe lines comprised the following:

- Line One - PR201 to PR218
- Line Two - PR219 to PR236
- Line Three - PR237 to PR254

Line One has shown evidence of the dip levelling out.

During the probing works, PR218 in Line One was progressed to 42m and the depth to bedrock was not confirmed, a potential unrecorded mine shaft was likely encountered and is discussed below.

Mine Entries - Shaft 001

The concrete structure identified by the previous trenching exercise was exposed and concrete coring used to penetrate the concrete. The concrete was anticipated to be the cap for Shaft 001. RO206 was positioned over the concrete structure, however further drilling encountered natural deposits and bedrock below proving it was not the mine shaft and likely a concrete foundation associated with the previous sewage works.

Within RO212, no flush return and soft drilling was encountered from 1.5m to a maximum depth of 42.0m bgl while drilling through suspected backfill material comprising sand. No bedrock strata was encountered in this location which is most likely SHAFT346-001. Further probing in the immediate area of RO112 has revealed a concrete cap encountered in PR266 to PR269 at a depth of 1.5m bgl. The diameter of the shaft is not known at this stage but was encountered 2.0m north to south and 4.0m east to west of RO112.

Mine Entries - Shaft 008

Coal Authority Permissions were applied for to investigate this mine shaft, the Coal Authority held records of gas and/or groundwater monitoring apparatus operated by the Environment Agency (EA). The Coal Authority have contacted the EA for further information.

The shaft could not be investigated and Groundtech are waiting for a response from the Coal Authority. This location is in an area of Public Open Space to the south of an estate road, the proposal for this shaft is to securely fence of the capped shaft, a secure access gate can be installed if the EA still need access to their apparatus.

Mine Entries - Shaft 015 and 016

Shallow natural clay has been encountered in this area and a trenching exercise is being undertaken in January after the areas have been cleared to attempt to locate the shafts, no evidence of the shafts was recorded during the probe drilling undertaken by Groundshire on the adjacent site.

The shaft locations have been plotted using the information provided by the Coal Authority and the zone of influence plotted using the depth to bedrock on a 1v:1h angle of repose. The proposed development layout has been revised accordingly to ensure no properties are within the zone of influence.

Mine Entries - Unrecorded

PR218 was drilled to 42m as discussed above and was not bottomed out, this shaft is likely to access the Rushy Park Mine which is at significant depth beneath the site.

During the drilling of PR218 soft drilling and suspected infill material comprising sand was encountered between Ground Level and 42.0m bgl. Further investigation was undertaken around this area which revealed the extent of the shaft to be circa 2.5m diameter as the shaft was encountered in PR218, PR218E, PR255, PR256, and PR258 undertaken at 1m centres.

Additional details of the seams are discussed in *Section 5.2*.

It has been noted that Shaft 001, Shaft 008 and the unrecorded Shaft are oriented in a linear line and are likely associated with the operational processes in the Rushy Mine at depth.

The locations of the exploratory holes are presented on the Exploratory Hole Plan *GRO-22463-P03_1.2*.

5.0 REVISED COAL MINING RISK ASSESSMENT (CMRA)

5.1 Coal Authority Permissions

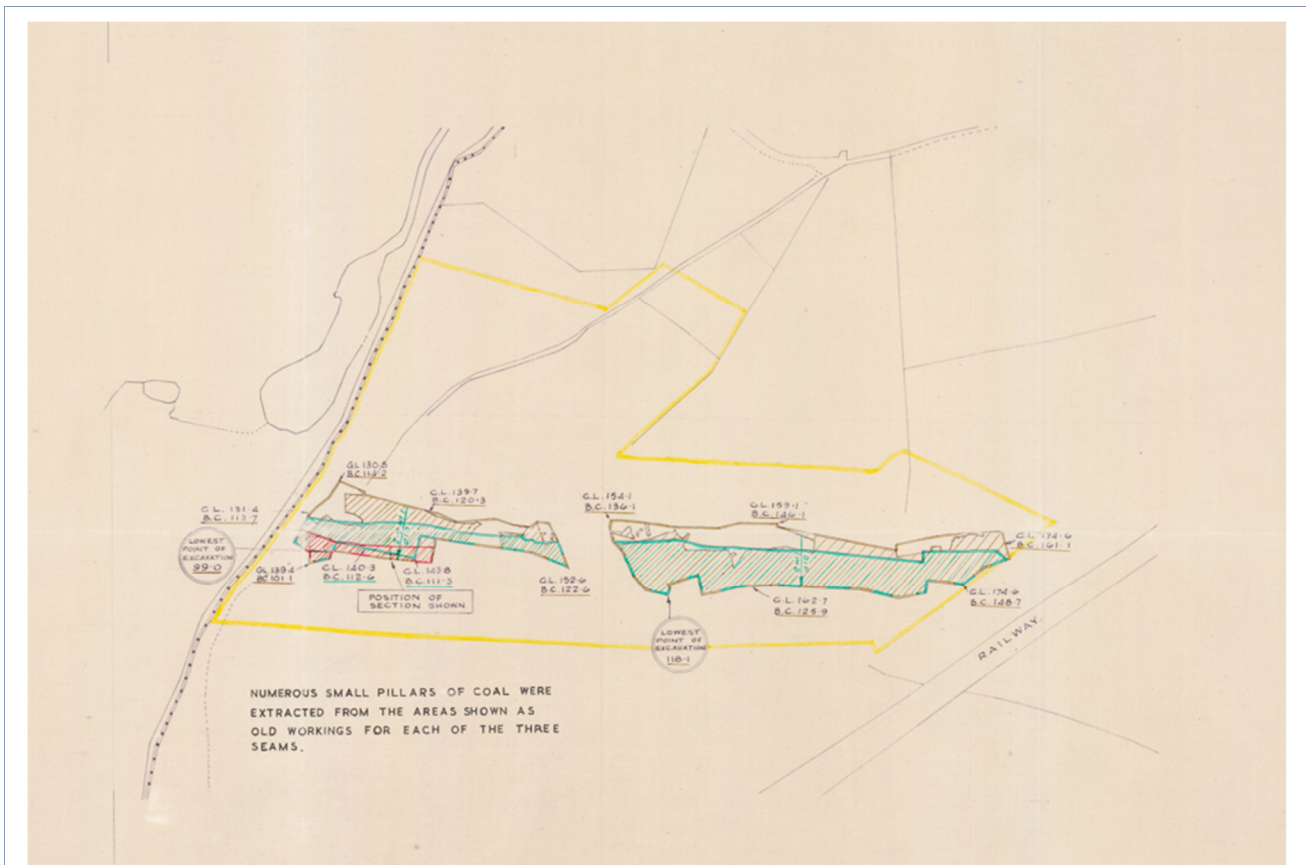
Permission to carry out intrusive works at the subject site was sought from the Coal Authority prior to the investigation taking place. The initial permit application was made on 5th December 2023. Intrusive investigation works commenced on 8th January and were completed on 16th January 2024.

5.2 Abandonment Plans

Abandonment plans relating to the Opencast Quarry south of the site were obtained from the Coal Authority by Groundtech Consulting and are discussed below:

OE/COMP/04/100

The Bastard (Bastions), Tenlands Tops, and Tenlands Bottoms are indicated to have been worked within the opencast quarry south of the subject site. However, the north western proportion of the opencast quarry encroaches onto the southern section of the site indicating a potential Low Wall or access down to where the opencast mining activities took place.



Abandonment plan OE/COMP/04/100

The total area requisitioned is over 25 acres, however the area worked excluding the batters is only 3.73 acres – this is approximately equate to the workings (shown in colour) on the above extract. This area is offsite to the south, this suggest that batters associated with the entrance of the opencast will be present on the subject site.

5.3 Coal Authority Liaison

The shaft location coordinates were provided by the Coal Authority from the records they had available which consisted of the quarter inch maps and British Coal Shaft Register.

The shaft in the south of the site, SHAFT346392-008, was previously identified by a concrete cap and pyramid with mesh fencing surrounding it. Information obtained from the Coal Authority indicate that the shaft was capped in the 1970s, however no further information or abandonment plans are available. Previous investigation to the side of SHAFT346392-008 identified the thickness and strata below the concrete cap. The dimensions of the cap were 6.8 x 6.8m and 0.7m thick. Made Ground was identified beneath the cap comprising sandy gravel.

SHAFT346391-015 and SHAFT346391-016 were investigated through intrusive Ground Investigation on the adjacent site by GroundShire in 2015. Spiral probing was undertaken from the coordinates of the shafts extending only onto the adjacent site. A total of 78 probe holes were drilled within the vicinity of SHAFT346391-015 and a total of 85 holes were drilled within the area of SHAFT346391-016 with no evidence of the mine shaft being recorded.

5.4 Coal Seams and Workings Identified by Investigation

Coal Seams

Intact Coal was generally encountered by the Ground Investigation as detailed below:

Location	Depth (m bgl)	Thickness (m)	Observation	Likely Coal
RO201	25.0 – 2.60	1.0	Loss of Flush	-
	29.4 – 30.0	0.6	Intact Coal	Possibly Sir John Mine
	31.0 – 31.4	0.4	Intact Coal	Possibly Sir John Mine
RO205	10.3 – 10.8	0.5	Intact Coal	Bastions
RO209	11.7 – 12.0	0.3	Intact Coal	Bastions
RO213	23.1 – 23.8	0.7	Intact Coal	Tenlands
RO3	22.5-2.55	0.05	Intact Coal	Tenlands

The northern area of the site was potentially affected by the Bastions Coal, the coal was potentially encountered in RO201 which is the shallowest point beneath the site. The Coal at 29.4m bgl and 31m bgl was intact confirming the risk is low. Loss of flush was encountered at 25m bgl which included over 20m of bedrock cover. CIRIA C758 states 10 times the thickness of the coal seam, the Bastions Coal is between 0.6m and 1.2m thick, and therefore significantly more rock cover than required is present and the site is stable.

Beneath the southern area, coal seams were generally not encountered due to the opencast removing by bulk extraction where economically viable. Groundtech Plan GRO-22463-P20, shows the depth to natural strata and there is some evidence trends of the opencast batter with a possible access point off the southern boundary of the site. The contours also show a possible access to the approximate location of SHAFT 015.

Some thin unnamed coal seams were encountered which are not of workable thickness.

Mine Entries

The location and extent of SHAFT 001 and an unidentified SHAFT were determined during the Ground Investigation as presented on GRO-22463_P19.

Drilling in soft strata was experienced in RO212 and PR218 indicating potential mine shafts. To delineate the diameter of the shafts, further probing was undertaken at 1m centres. In the area surrounding PR218

(Unidentified SHAFT), thirteen further probe holes and one rotary open borehole were drilled - PR218E, PR255, PR256 and PR258. These locations encountered soft drilling within backfill materials indicating the diameter of the potential unrecorded mineshaft to be circa 2.5m.

Borehole RO212 encountered soft ground after coring the concrete cap at 1.5m bgl. Further investigation through PR266 to PR271 and RO212E indicated that the concrete substructure is most likely the mine cap stated in the CA information as it was identified within PR266 to PR269, this is considered to be SHAFT 001. The depth of the mine cap is 1.5m bgl and the diameter of the shaft is unknown. The cap was encountered 2.0m north to south and 4.0m east to west of RO212. The cap is shallow in the Made Ground and is not a suitable treatment option for the proposed development. The depths of both of these potential mine shafts have not been bottomed out for health and safety reasons, further investigation could not be undertaken without the undertaking a drill and grout exercise during the same visit.

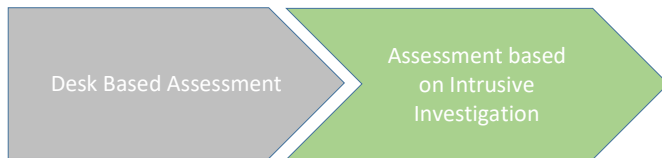
Combustibility

Trial pit excavations in the south of the site TP201, TP202 and TP203 encountered Made Ground including colliery spoil between ground level and 3.0m bgl. This is most likely due to the close proximity of SHAFT 008 and the Opencast to the south of the site.

Samples have been obtained and are currently in testing to quantify the combustibility potential.

5.5 Revised Coal Mining Risk Assessment

The revised Coal Mining Risk Assessment including the findings of the supplementary investigation is presented on the following pages has been compiled to assess the risks associated with historic coal mining based on the information obtained from all sources.



- The table below represents the second stage in the risk assessment process based on an **Intrusive Investigation**.
- In order for a development site to be deemed 'suitable' the level of risk needs to be reduced to an acceptable level. The purpose of each stage of risk assessment is to establish if there is a requirement for additional stages of assessment in order to have sufficient confidence that the surface of the site is stable for development.

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott				
Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
Recorded Coal Workings	➤ Ground subsidence. ➤ Ground instability.	No – The site is not in an area where Past Workings are indicated at shallow depths. The Coal Authority states that the shallowest workings are 147m bgl and all movement associated with the historic workings will now have ceased. The recorded workings are in the Rushy Park Mine.	Not Applicable	No Action Required
Recorded Mine Entries	➤ Catastrophic collapse of mine entry leading to ground instability or voids at the ground surface. ➤ Settlement of the ground surface above/adjacent to the mine entry. ➤ Generation of crown holes at the ground surface.	Yes – Four recorded mine shaft entries are present on the site, 3 within the southern area and 1 within the northern area. The depth of the shafts are unknown as no abandonment plans are available, however they are believed to access the Rushy Mine. SHAFT346392-008 had already been identified by a concrete cap and pyramid, at surface level, in the far south of the site	Ground subsidence associated with mine shafts can give rise to levels of damage to the built environment that may affect both serviceability and design life of a structure. Furthermore, mine shaft entries give a direct pathway for mine gas emissions to migrate to the surface of the site.	A cap has been constructed at ground level for SHAFT346392-008, the dimensions are 6.8m x 6.8m and 0.7m thick. The shaft is located outside the development area. It is proposed to secure off the shaft/cap and no further action will be required. It is understood EA apparatus is housed in the shaft cap and no further direct action with respect to the shaft/cap would not disturb the apparatus. A secure gate can be included in the fencing if required to access the apparatus.

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott

Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
	➤ Mines gas emissions.	prior to the commencement of the Ground Investigation. The cap for SHAFT346392-001 in the north of the site was thought to be identified by the last intrusive Ground Investigation. However, this supplementary investigation determined it was a foundation associated with the historic sewage works. However, RO212 recorded the location of SHAFT364391-001 to the south west of the anticipated location. Treatment of the mine shaft is proposed. Investigation to locate SHAFT346391-015 and SHAFT346391-016 along the eastern boundary of the site will take place in January 2024. The locations have not been identified to date, further investigation is being undertaken when clearance of this area has been completed. The Coal Authority records show the shafts to be offsite underneath the existing noise bund for the adjacent development.	(SHAFT346392-001) was located in PR266 to PR269. The drilling in RO212 indicated the material in the mine shaft was soft/loose to 42.0m, the drilling did not prove the depth of the shaft. Surrounding bedrock was encountered at 9.2m bgl. The shaft should be treated in accordance with CIRIA C758 and a plug formed at bedrock. The depth of the grouting will be full depth or to a depth agreed with the CA. The procedure will be set out in the Mining Treatment/Remedial Specification to be approved by the CA. A No Build Zone of 5m will be implemented on the Development Layout as shown GRO-22463-P17. This is based on the grouting, plug and the plots being piled transferring the load to competent bedrock. The three shafts are in a linear line and it is anticipated they will extend to similar depths. The same procedure will be applied to the unidentified SHAFT that is being recommended for SHAFT 001 as discussed below. The development layout has been revised in the vicinity of SHAFT 015 and SHAFT 016 and represents the worst case scenario based on the locations of the shafts taken from the CA information. The radius of the No Build Zones	

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott

Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
				are equal to the depth of the bedrock in the respective areas at between 9m and 10m bgl. Natural Clay strata was encountered from shallow depths which further supports this being the worst case scenario as this will provide some stability. Further works to attempt to locate or disprove the location of the shafts is being undertaken in January 2024 and will be reported under separate cover. The Ground Investigation of the adjacent development drilled 163 probe holes to locate the mine shaft, no evidence was recorded.
Unrecorded Coal Workings	➤ Ground subsidence. ➤ Ground instability.	No – Coal is indicated beneath the site at shallow depths, no evidence of workings has been recorded. The Ground Investigation on the northern area of the site was designed to investigate the Bastions Coal. This was likely encountered in RO205 and RO209. The Sir John Mine was potentially encountered in RO201 below the Sandstone Member, this was not worked and sufficient cover is above the seam if worked. Some loss of flush was recorded	Ground subsidence associated with historic mine workings can give rise to levels of damage to the built environment that may affect both serviceability and design life of a structure.	No Action Required

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott

Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
		at 25m to 26m, however the drillers considered this to be fractured rock. Nevertheless, sufficient rock cover is present above 25m bgl for the postulated Sir John Mine. The coal beneath the southern area where removed has been removed by opencast mining and no risk from unrecorded workings is present on this area of the site. Coal was encountered in the vicinity of the unrecorded mineshaft at one location only at 23.1m bgl and was 0.7m thick. This is considered to be the Tenlands Coal.		
Unrecorded Mine Entries	➤ Catastrophic collapse of mine entry leading to ground instability or voids at the ground surface. ➤ Settlement of the ground surface above/adjacent to the mine entry. ➤ Generation of crown holes at the ground surface.	Yes – One unrecorded mine entry was located across the site. An unrecorded potential mine shaft was recorded with PR218, no bedrock was encountered to in excess of 42.0m bgl and the drilling was in loose/soft material. In the surrounding vicinity bedrock was encountered at 13.2m bgl. Further investigation through probing indicated that the shaft was approximately 2.5m in	Ground subsidence associated with historic unrecorded mine entries can form crown holes and localised instability that give rise to levels of damage to the built environment that may affect both serviceability and design life of a structure. The is dependent on the treatment of the mine entry. Ground subsidence associated with mine shafts can give rise to levels of damage to the built environment that may affect both serviceability and design life of a structure.	As discussed above, the shaft should be treated in accordance with CIRIA C758 and a plug formed at bedrock. The depth of the grouting will be full depth or to a depth agreed with the CA. The procedure will be set out in the Mining Treatment/Remedial Specification to be approved by the CA. A No Build Zone of 5m will be implemented on the Development Layout as shown GRO-22463-P17. This is based on the grout treatment, grout plug and the plots being piled transferring the load to competent bedrock.

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott				
Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
	➤ Mines gas emissions.	diameter using the findings of PR218E, PR255, PR256 and PR258.	Furthermore, mine shaft entries give a direct pathway for mine gas emissions to migrate to the surface of the site.	
Coal Mining Geology (fissures)	➤ Ground subsidence. ➤ Mixtures of noxious of explosive gases reaching the ground surface via faulted/broken strata and entering buildings, structures, confined spaces etc., when an explosive or asphyxiating hazard may be generated. ➤ Stepped rockhead profiles where there has been subsidence across faults, impacting settlement. Of proposed structures.	No – A fault is present off the western boundary transecting north east to south west, however there is only considered to be a risk if the fault is reactivated due to extensive mining. Any movement should now have ceased.	Movement due to reactivation of the fault can give rise to levels of damage to the built environment that may affect both serviceability and design life of a structure.	Houses within 25m of the position of the fault should be reinforced.
Records of mine gas emissions	➤ Mixtures of noxious of explosive gases reaching the ground	Yes – Located mine shafts SHAFT346392-001 and SHAFT346392-008, and undiscovered mine shafts SHAFT346391-	Mine gases could disperse into proposed buildings in close proximity of the mine shaft locations and open cast quarry.	On completion of the ground gas monitoring and assessment, the contribution of the mine shafts to the gas regime on the site will be

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescot				
Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
	surface via superficial deposits, faulted/broken strata or poorly filled mine entries and entering structures, confined spaces etc., when an explosive or asphyxiating hazard may be generated.	015 and SHAFT346391-016 could be a pathway for mine gas if they have not been backfilled or treated. Ground gas has been recorded at the site however is considered to be associated with the former refused tip and opencast backfill rather than mine gas emissions. No concentrations of mine gases such as methane or hydrogen sulphide have been recorded.		discussed. With the exception of SHAFT 008, all located mine shafts will be drilled and grouted which will remove the pathway. SHAFT 008 along the southern area is outside the development area, monitoring will determine if this a likely source of gas and a risk to the developments.
Recorded coal mining surface hazard. Surface mining (opencast workings)	➤ Ground subsidence. ➤ Ground instability. ➤ Potential of a ground gas source and/or migration pathway. Potential settlement problems. ➤ Combustible material left behind after historic opencast workings may ignite if in the vicinity of excessive heat such as utility cables.	Yes – The Old Carrs Pit opencast mine is located on the south of the site. Deep Made Ground within this area confirms the location to be south west/west. No quarry highwall has been proven by the supplementary investigation which could have caused potential differential settlement. No areas of No Build due to the high wall are required. The opencast is also later recorded as a refuse heap, the opencast is a source of ground gas and potentially combustible material. Combustibility calorific testing	Ground gases may be generated by the fill material within the historic opencast mine which could potentially migrate into proposed buildings in the vicinity of the former opencast mine. Due to the loose and variable nature of the fill material significant settlement is likely if traditional foundations are founded in the reworked soils in this area. Potentially combustible colliery spoil is present at the position of the opencast and an ignition source could cause combustion.	Ground gas monitoring is ongoing to quantify the risk from gases potentially generated by the fill material. An appropriate level of protection will be agreed with regulators and installed. Proposed buildings situated within the former opencast mine require deepening to suitable founding strata to satisfy ULS and SLS conditions. The linear lines confirm there is no highwall. The section line containing R0209-R0205-R0213 also shows the bedrock to be level beneath the northern extents of the site and

Coal Mining Risk Assessment for a residential development at Carr Lane, Prescott

Issue	Hazard	Site Affected	Consequence	Recommended Mitigation Measures
		has been scheduled on the colliery spoil and will be reported on receipt.		dips by circa 1.7° over the distance of 137m between RO205 and RO213. GRO-22463-P13 presents the depth to natural strata, the contours support the linear lines that no highwall exists on the subject site, the opencast shown on the southern area of the site comprised the batter recorded on the abandonment plans. There appears to be an access route to SHAFT 015 where the depth to natural is deeper. The depth to natural is greater along the southern boundary towards the wider opencast area. Combustibility testing will inform any required remedial action.

6.0 CONCLUSIONS

The site is in a Development High Risk Area and a risk from historic coal mining legacy was identified by the desk based assessment. Several phases of investigation have quantified the individual risks as outlined below.

Based on the findings of the supplementary CMRA the risk from recorded and unrecorded workings is considered to be *Low*, the risk from differential settlement due a Highwall is also *Low* as no Highwall is situated beneath the site, the risk will be further mitigated by the pile foundation solution proposed.

SHAFT 008 is capped and is located outside of the development area, it is proposed to safely secure SHAFT 008 in accordance with CIRIA C758, the procedure will be set out in the Mining Remediation Specification which will be submitted to the Coal Authority for approval.

Both SHAFT 001 and the unidentified SHAFT will be treated to full depth or a depth agreed with the Coal Authority after they have been fully investigated and a plug constructed at the surface of the bedrock. This will allow the area of influence to be reduced to 5m taking into consideration the structures will be piled to bedrock. The procedure will be set out in the Mining Remediation Specification which will be submitted to the Coal Authority for approval.

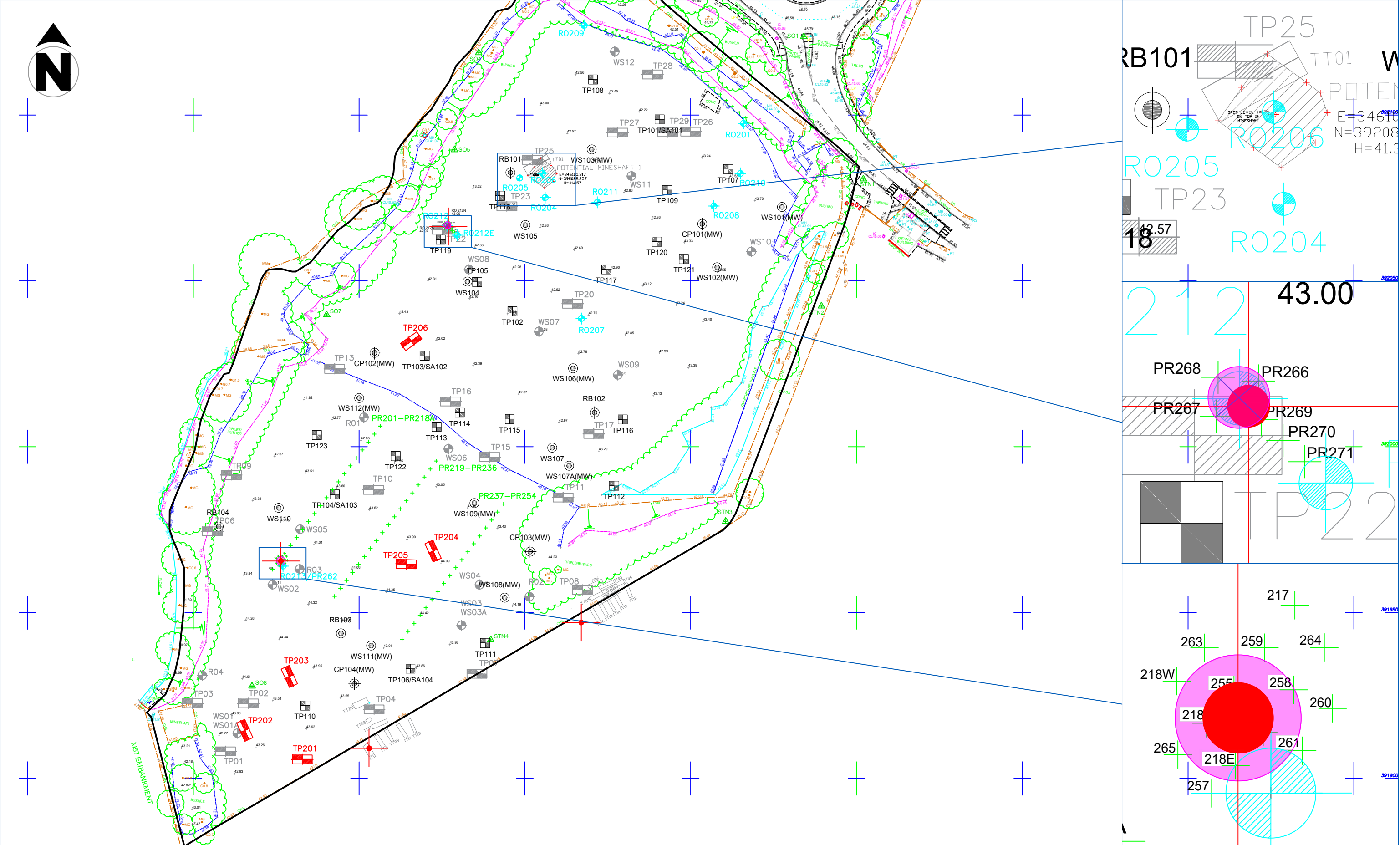
The locations of SHAFT 015 and SHAFT 016 are being investigated in January 2024, if located this will inform the required treatment and proposed development layout. Currently the development layout has been revised to leave a No Build Zone of 9m for SHAFT 015 and 10m for SHAFT 016 from the mine shaft (based on CA information) which is the depth to bedrock in this area. The No Build Zone is presented on *GRO-22463-P17* in *Appendix 1*.

Based on the conclusions of this revised CMRA, we consider the evidence and recommendations are sufficient to remove the objection from the Coal Authority and pre-commencement planning conditions for the proposed development applied to the risk from historic coal mining, particularly with reference to the risk from SHAFT 015 and SHAFT 016.

APPENDIX 1 - Plans



GROUNDTECH CONSULTING	CLIENT	DATE			Status		Notes SITE LOCATION	
	PARTNER CONSTRUCTION LTD	AUGUST 2023			Preliminary			
	PROJECT TITLE	SCALE			Draft			
	CARR LANE, PRESCOT	NTS			Issued			
	PLAN TITLE	PLAN NUMBER			For Comment			
	PROJECT LOCATION PLAN	GRO-22463-P01	Rev.	Details	Date	Approved		

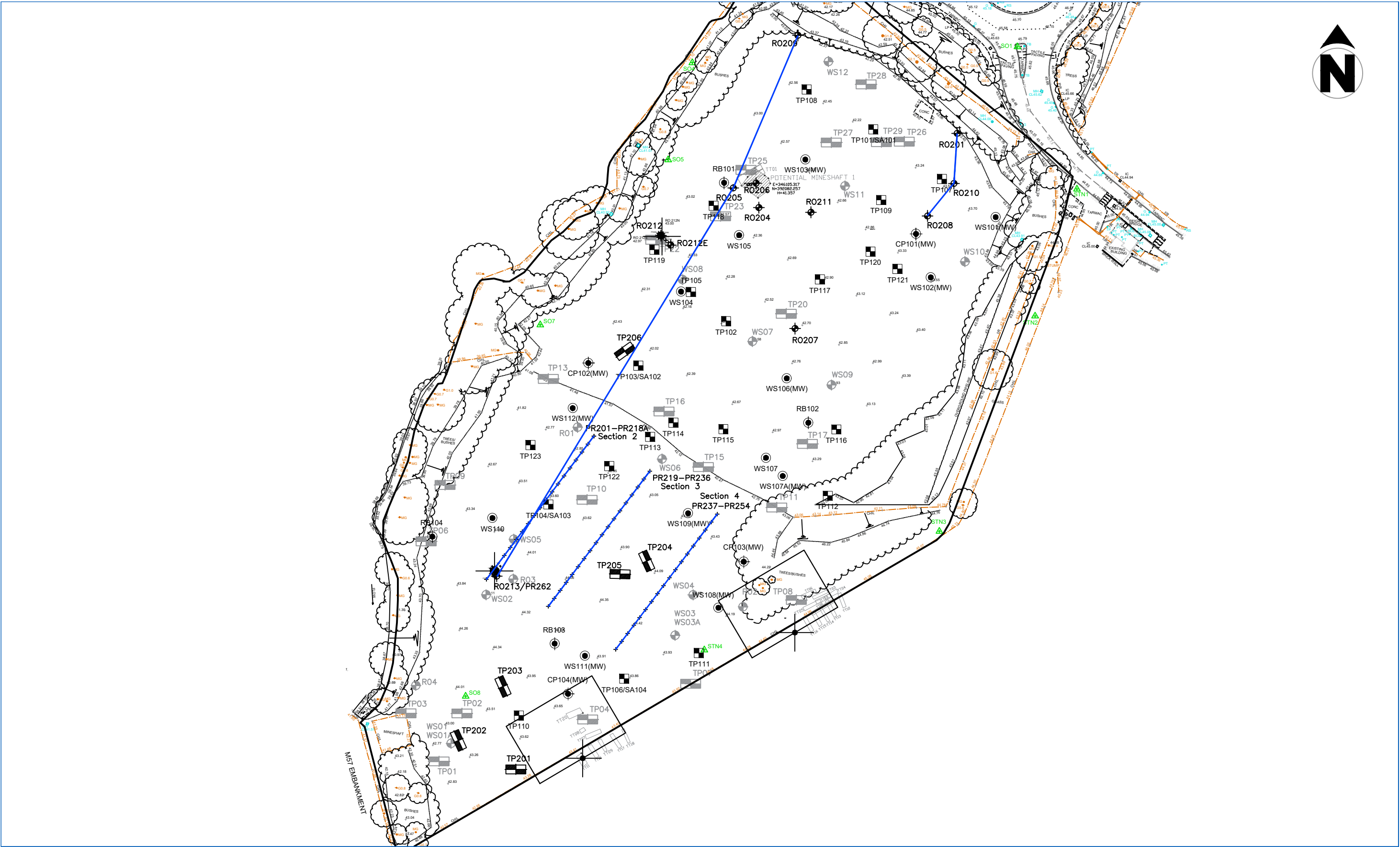


GROUNDTECH CONSULTING 	CLIENT	DATE				Status		Notes  Rotary Open Hole Location  Trial Pit Location  Probe Location  Potential Mine Shaft Location  Window Sample Location  Trial Pit Location  Rotary Open Hole Location  Trial Trench Location  Mine Shaft Location  E3P Trial Pit Locations  E3P Rotary Locations  E3P Windowless Sample Locations  E3P Cable Percussive Locations 
	PARTNER CONSTRUCTION LTD	JANUARY 2024				Preliminary		
	PROJECT TITLE	SCALE				Draft		
	CARR LANE, PRESCOT	NTS				Issued		
	PLAN TITLE	PLAN NUMBER				For Comment		
	EXPLORATORY HOLE PLAN	GRO-232463-P03 1.2	Rev.	Details	Date	Approved		



GROUNDTECH CONSULTING	CLIENT	DATE				Status		Notes ZONE OF INFLUENCE - BASED ON BEDROCK AT 1V:1H ZONE OF INFLUENCE - BASED ON TREATMENT OF SHAFT (5.0m) MINE SHAFT LOCATIONS
	PARTNER CONSTRUCTION LIMITED	JANUARY 2024				Preliminary		
	PROJECT TITLE	SCALE				Draft		
	CARR LANE, PRESCOT	NTS	1.2	Change of layout - Rev K Layout	25 January 2024	Issued		
	PLAN TITLE	PLAN NUMBER	1.1	Change of layout - Rev J Layout	24 January 2024	For Comment		
	ZONE OF INFLUENCE PLAN	GRO-22463-P17	Rev.	Details	Date	Approved		





GROUNDTECH CONSULTING G	CLIENT	DATE			Status		Notes Rotary Open Hole Location Trial Pit Location Probe Location Potential Mine Shaft Location Cross Section Location Window Sample Location Trial Pit Location Rotary Open Hole Location Trial Trench Location Mine Shaft Location E3P Trial Pit Locations E3P Rotary Locations E3P Windowless Sample Locations E3P Cable Percussive Locations
	PARTNER CONSTRUCTION LTD	JANUARY 2024			Preliminary		
	PROJECT TITLE	SCALE			Draft		
	CARR LANE, PRESCOT	NTS			Issued		
	PLAN TITLE	PLAN NUMBER			For Comment		
	CROSS SECTION LOCATION PLAN	GRO-22463-P19	Rev.	Details	Date	Approved	

Project Id: GRO-22463
Project Title: CARR LANE
Location: PRESCOT
Client: PARTNER CONSTRUCTION LTD

Title: Section Line
Vertical Scale: 1:185
Horizontal Scale: 1:112
Engineer: EW



Project Id: GRO-22463
Project Title: CARR LANE
Location: PRESCOT
Client: PARTNER CONSTRUCTION LTD

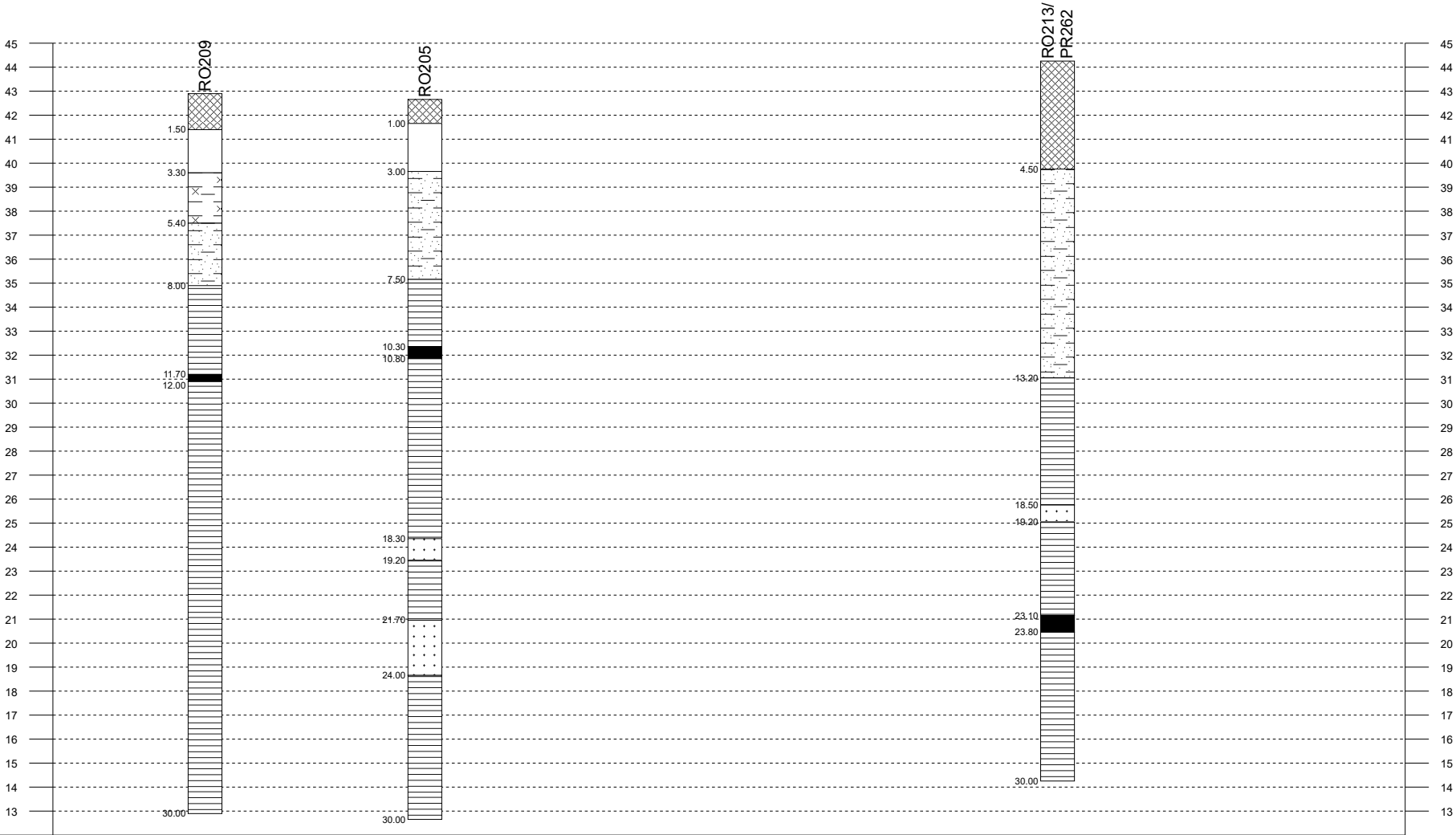
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Vertical Scale: 1:253
Horizontal Scale: 1:1431
Engineer: EW



Legend Key

- MADE GROUND
- Void
- Sandy CLAY
- Silty CLAY
- MUDSTONE
- COAL
- SANDSTONE

12.00



Chainage (m)

Offset (m)

Elevation (mAOD)

0.00

44.78

51.83

57.27

209.89

204.91

208.39

213.00

220.45

227.91

233.33

240.82

243.86

246.96

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42.79

42.66

42.74

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44.15

44.01

44.32

44.08

44.32

44.23

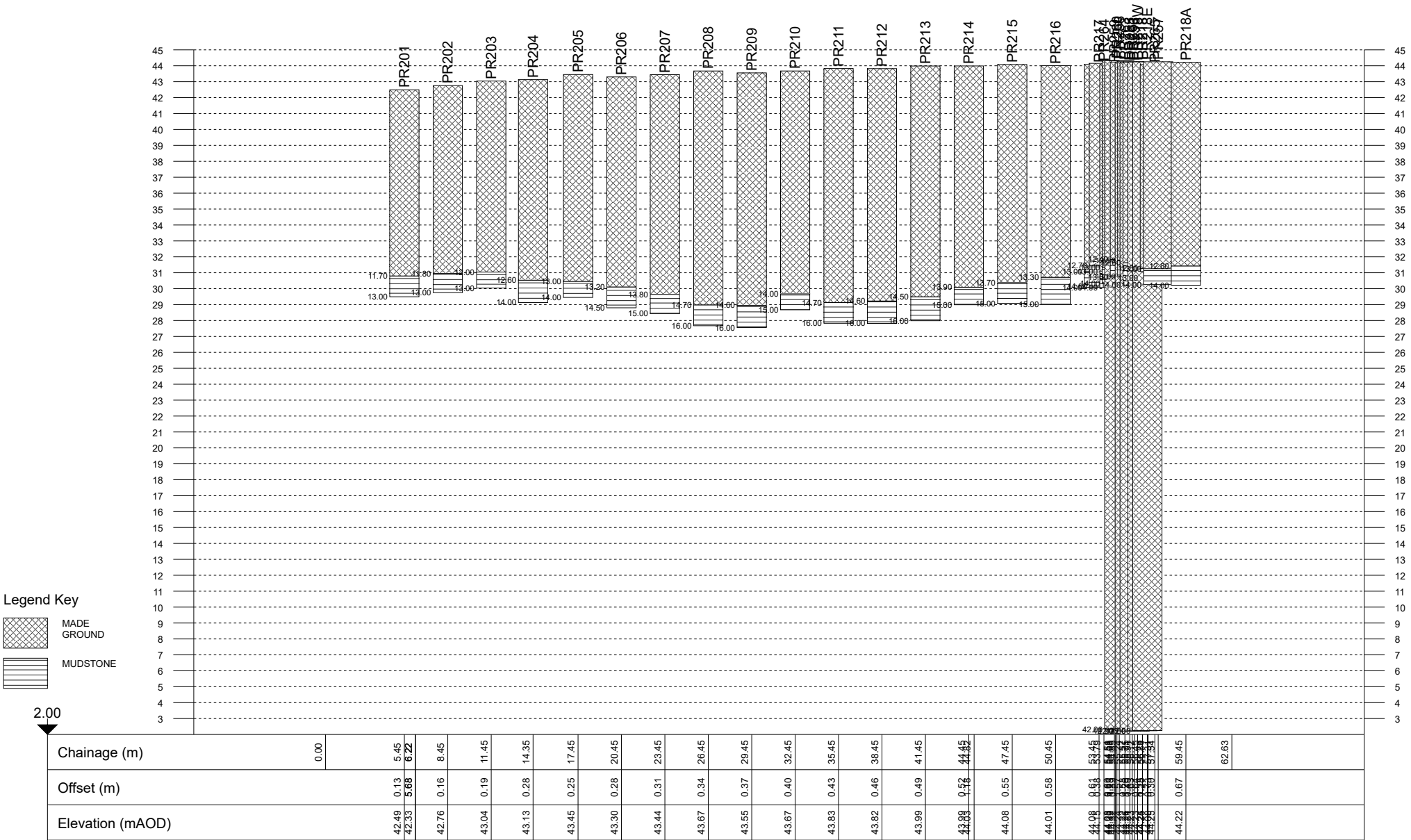
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44.22

44.22

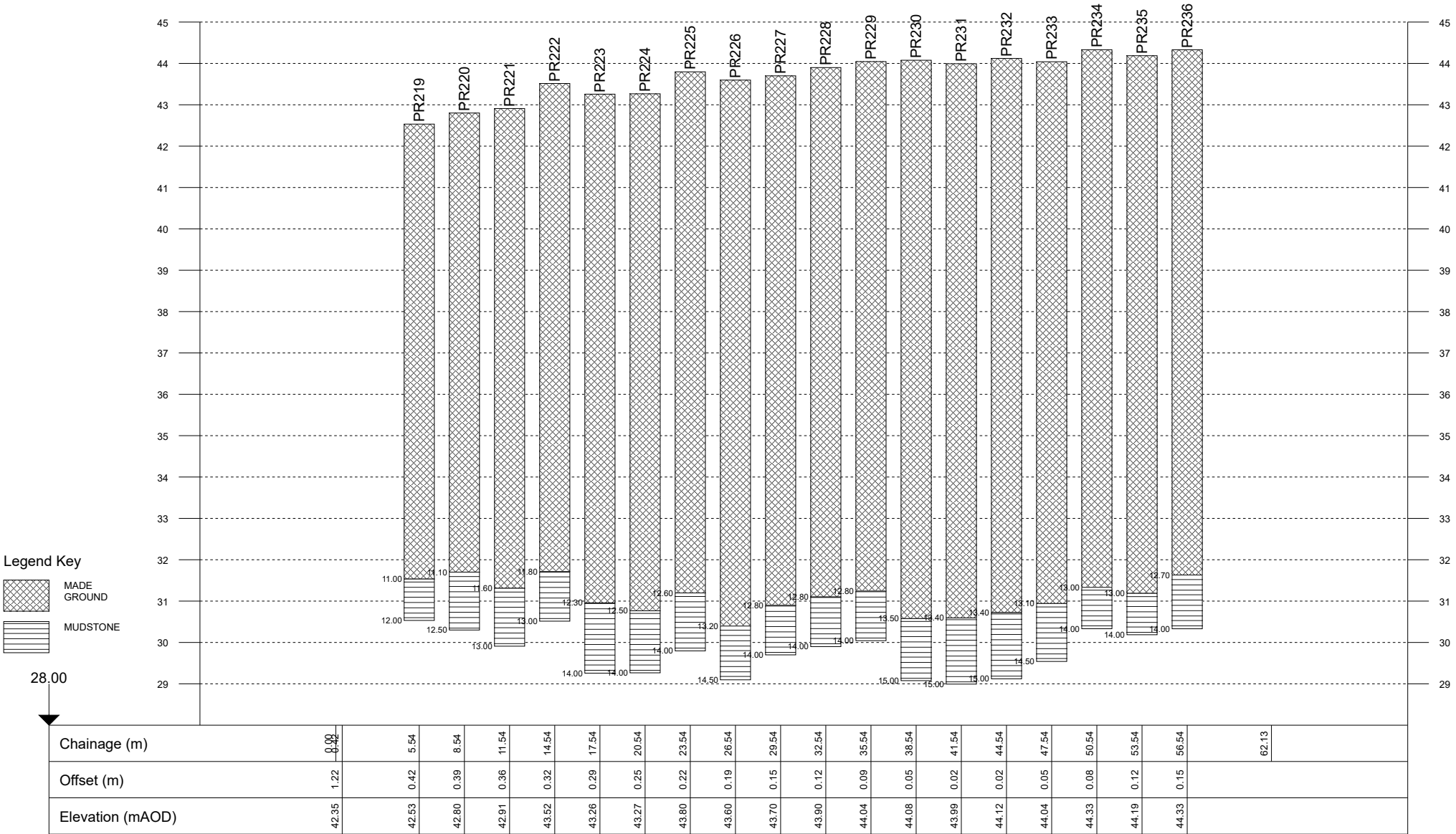
Project Id: GRO-22463
Project Title: CARR LANE
Location: PRESCOT
Client: PARTNER CONSTRUCTION LTD

Title: Section line 2
Vertical Scale: 1:330
Horizontal Scale: 1:363
Engineer: EW



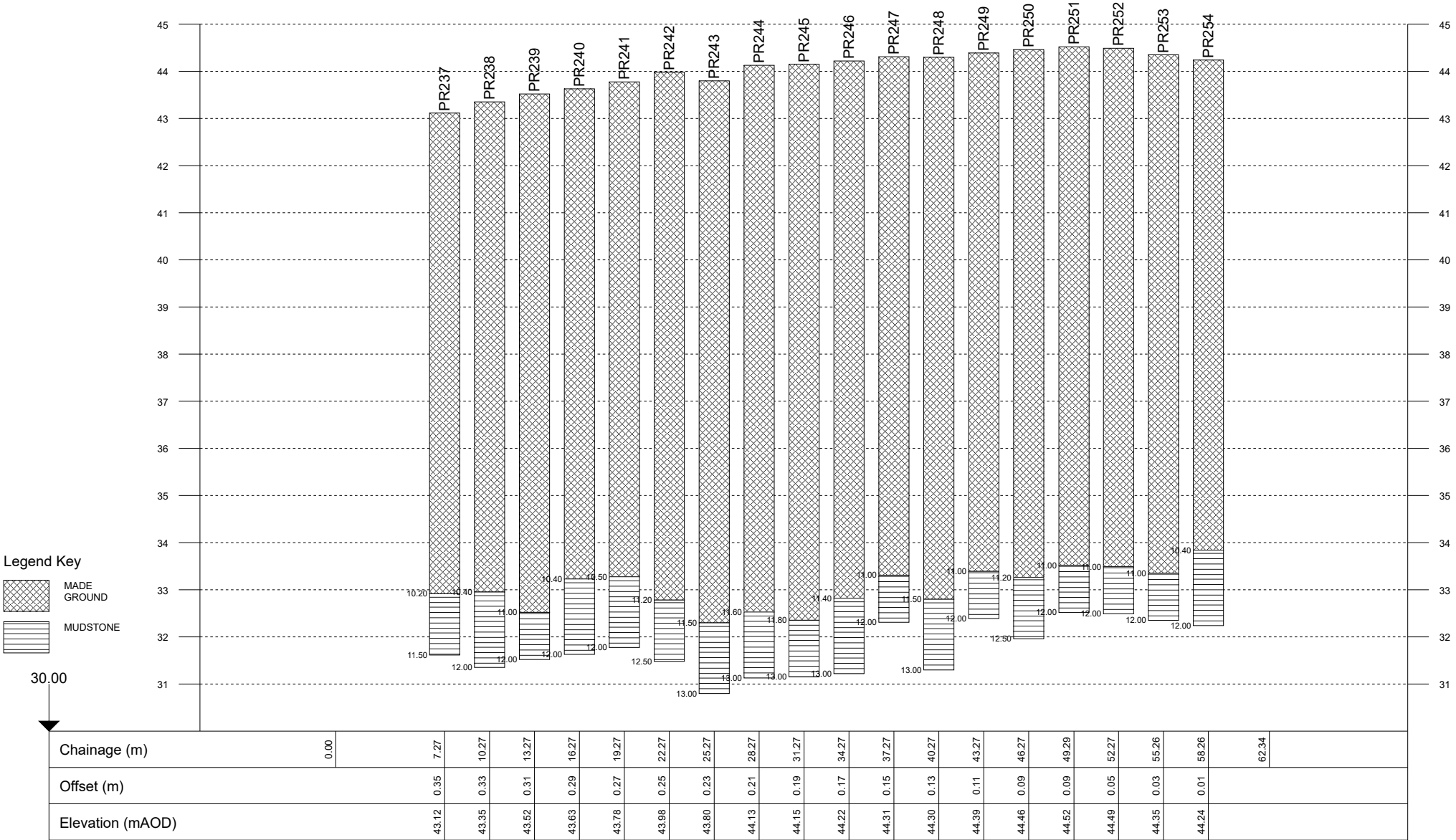
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Project Title: CARR LANE
Location: PRESCOT
Client: PARTNER CONSTRUCTION LTD

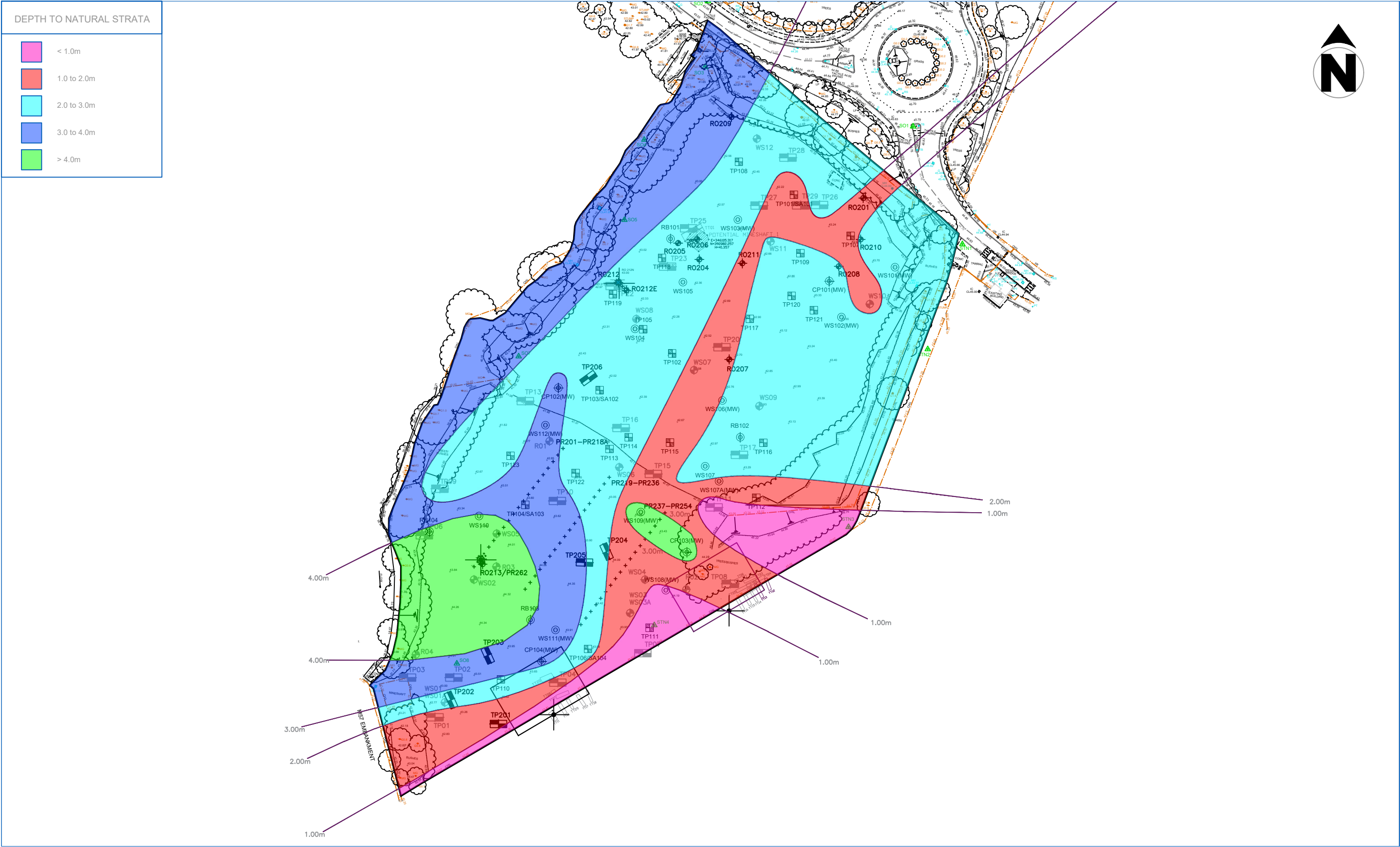
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Vertical Scale: 1:131
Horizontal Scale: 1:360
Engineer: EW



Project Id: GRO-22463
Project Title: CARR LANE
Location: PRESCOT
Client: PARTNER CONSTRUCTION LTD

Title: Section line 4
Vertical Scale: 1:115
Horizontal Scale: 1:362
Engineer: EW





GROUNDTECH CONSULTING	CLIENT	DATE				Status
	PARTNER CONSTRUCTION LTD	JANUARY 2024				Preliminary
	PROJECT TITLE	SCALE				Draft
	CARR LANE, PRESCOT	NTS				Issued
	PLAN TITLE	PLAN NUMBER				For Comment
	INDICATIVE DEPTH TO NATURAL STRATA PLAN	GRO-232463-P20	Rev.	Details	Date	Approved

Notes

Rotary Open Hole Location

Trial Pit Location

Probe Location

Potential Mine Shaft Location

Window Sample Location

Rotary Open Hole Location

Trial Trench Location

Mine Shaft Location

E3P Trial Pit Locations

E3P Rotary Locations

E3P Windowless Sample Locations

E3P Cable Percussive Locations

APPENDIX 2 - Photographs



Photograph 1 – Probe drilling of linear lines



Photograph 2 – investigation of SHAFT 001



Photograph 3 – Original location of SHAFT 001, before actual location identified



Photograph 4 – Thickness of concrete foundation cored

APPENDIX 3 - Abandonment Plans

APPENDIX 4 - Exploratory Hole Logs

Borehole Log

Borehole No.

RO201

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346167.59 - 392097.50

Hole Type
RO

Location: PRESCOT

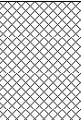
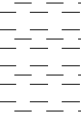
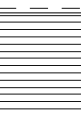
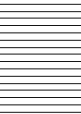
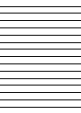
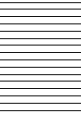
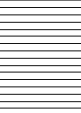
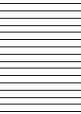
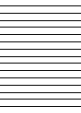
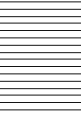
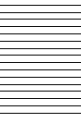
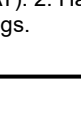
Level: 42.36

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 08/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.60	40.76		MADE GROUND: Fill.	1
					2.60	39.76		Yellow brown CLAY.	2
					4.70	37.66		Red Brown CLAY.	3
								Grey MUDSTONE.	4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 33.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO201

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346167.59 - 392097.50

Hole Type
RO

Location: PRESCOT

Level: 42.36

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 08/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					22.60	19.76		Grey SANDSTONE.	21
									22
									23
									24
									25
									26
									27
									28
									29
					29.40	12.96		COAL.	30
					30.00	12.36		Grey MUDSTONE.	31
					31.00	11.36		COAL.	32
					31.40	10.96		Brown MUDSTONE.	33
					31.50	10.86		Grey MUDSTONE.	34
									35
									36
									37
									38
									39
									40
					33.00	9.36		End of borehole at 33.00 m	

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 33.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO204

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346104.75 - 392090.00

Hole Type
RO

Location: PRESCOT

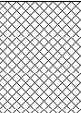
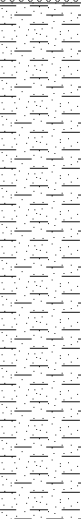
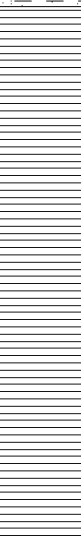
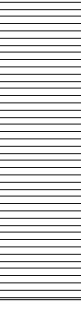
Level: 42.79

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.29		MADE GROUND: Fill.	1
								Red brown sandy CLAY.	2
									3
									4
									5
									6
									7
					8.40	34.39		Grey MUDSTONE.	8
									9
									10
									11
									12
									13
									14
									15
					15.60	27.19		Grey SANDSTONE.	16
					16.00	26.79		Grey MUDSTONE.	17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO204

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346104.75 - 392090.00

Hole Type
RO

Location: PRESCOT

Level: 42.79

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
					24.00	18.79			24
					25.00	17.79		Grey SANDSTONE.	25
								Grey MUDSTONE.	26
									27
									28
									29
					30.00	12.79		End of borehole at 30.00 m	30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO205

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346098.40 - 392082.63

Hole Type
RO

Location: PRESCOT

Level: 42.66

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.00	41.66		MADE GROUND: Fill.	1
								Soft Drilling.	2
					3.00	39.66		Red Brown sandy CLAY.	3
									4
									5
									6
					7.50	35.16		Grey MUDSTONE.	7
									8
									9
									10
					10.30	32.35		COAL.	
					10.80	31.86		Grey MUDSTONE.	11
									12
									13
									14
									15
									16
									17
					18.30	24.36		Grey SANDSTONE.	18
					19.20	23.46		Grey MUDSTONE.	19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO205

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346098.40 - 392082.63

Hole Type
RO

Location: PRESCOT

Level: 42.66

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.70	20.96			21
									22
					24.00	18.66		Grey SANDSTONE.	23
									24
								Grey MUDSTONE.	25
									26
									27
									28
									29
					30.00	12.66			30
								End of borehole at 30.00 m	31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO206

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346105.31 - 392084.03

Hole Type
RO

Location: PRESCOT

Level: 42.79

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.40	41.39		MADE GROUND: Dark brown very gravelly fine to coarse sand with moderate cobble content of brick and concrete. Gravel is subangular to subrounded fine to coarse of brick, concrete and metal.	1
					2.10	40.69		MADE GROUND: Grey concrete.	2
								Soft drilling.	3
									4
					5.50	37.29		Red Brown sandy CLAY.	5
					6.50	36.29		Grey MUDSTONE.	6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Trial pit excavated to 1.4m bgl to identify concrete cap. 3. Concrete cap cored to 2.1m bgl. 4. Borehole terminated at 30.00m bgl. 5. No evidence of mine shaft identified. 6. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO206

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346105.31 - 392084.03

Hole Type
RO

Location: PRESCOT

Level: 42.79

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 09/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					20.30	22.49			
								Grey SANDSTONE.	21
					21.60	21.19		Grey MUDSTONE.	22
									23
					24.20	18.59		Grey SANDSTONE.	24
					25.00	17.79		Grey MUDSTONE.	25
									26
									27
									28
									29
					30.00	12.79		End of borehole at 30.00 m	30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Trial pit excavated to 1.4m bgl to identify concrete cap. 3. Concrete cap cored to 2.1m bgl. 4. Borehole terminated at 30.00m bgl. 5. No evidence of mine shaft identified. 6. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO207

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346117.04 - 392038.70

Hole Type
RO

Location: PRESCOT

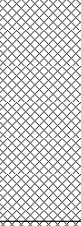
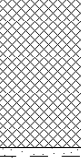
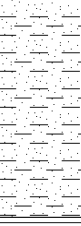
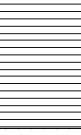
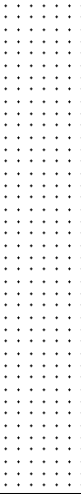
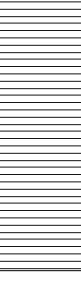
Level: 42.73

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.00	39.73		MADE GROUND: Fill.	1
					5.00	37.73		Soft drilling.	2
					8.00	34.73		Red Brown sandy CLAY.	3
					9.80	32.93		Grey MUDSTONE.	4
					16.40	26.33		Grey SANDSTONE.	5
								Grey MUDSTONE.	6

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO207

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346117.04 - 392038.70

Hole Type
RO

Location: PRESCOT

Level: 42.73

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
					24.10	18.63			24
					24.40	18.33		Grey SANDSTONE. Grey MUDSTONE.	25
									26
									27
									28
									29
					30.00	12.73		End of borehole at 30.00 m	30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO208

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346156.99 - 392072.60

Hole Type
RO

Location: PRESCOT

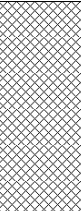
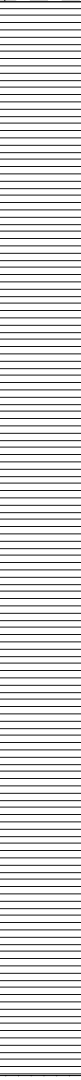
Level: 43.68

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.80	40.88		MADE GROUND: Fill.	1
								Red Brown sandy CLAY.	3
					5.60	38.08		Grey MUDSTONE.	6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
					19.80	23.88			20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO208

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346156.99 - 392072.60

Hole Type
RO

Location: PRESCOT

Level: 43.68

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					20.20	23.48		Grey SANDSTONE. Grey MUDSTONE.	21
									22
									23
					23.60	20.08		Grey SANDSTONE.	24
									25
					25.70	17.98		Grey MUDSTONE.	26
									27
									28
									29
					30.00	13.68	-----	End of borehole at 30.00 m	30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.





GROUNDTECH
CONSULTING

Borehole Log

Borehole No.

RO209

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346117.90 - 392127.00

Hole Type
RO

Location: PRESCOT

Level: 42.90

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.40		MADE GROUND: Fill.	1
								Soft drilling.	2
					3.30	39.60		Yellow boulder CLAY.	3
									4
					5.40	37.50		Red brown sandy CLAY.	5
									6
									7
					8.00	34.90		Grey MUDSTONE.	8
									9
									10
									11
					11.70	31.20		COAL.	12
					12.00	30.90		Grey MUDSTONE with SANDSTONE bands.	12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO209

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346117.90 - 392127.00

Hole Type
RO

Location: PRESCOT

Level: 42.90

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					30.00	12.90			21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO210

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346164.70 - 392082.40

Hole Type
RO

Location: PRESCOT

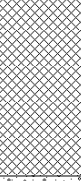
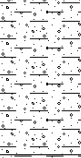
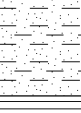
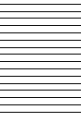
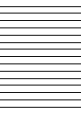
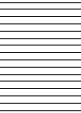
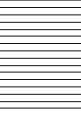
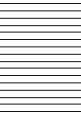
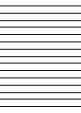
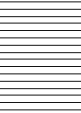
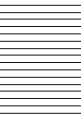
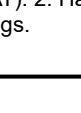
Level: 43.66

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.40	41.26		MADE GROUND: Fill.	1
					4.50	39.16		Yellow boulder CLAY.	2
					5.80	37.86		Red brown sandy CLAY.	3
								Grey MUDSTONE.	4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

RO210

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346164.70 - 392082.40

Hole Type
RO

Location: PRESCOT

Level: 43.66

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					20.10	23.56		Grey SANDSTONE.	
					20.50	23.16		Grey MUDSTONE.	
									21
									22
									23
									24
					24.00	19.66		Grey SANDSTONE.	
									25
									26
					26.10	17.56		Grey MUDSTONE.	
									27
									28
									29
									30
					30.00	13.66		End of borehole at 30.00 m	
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0211

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346121.82 - 392073.70

Hole Type
RO

Location: PRESCOT

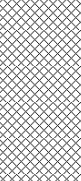
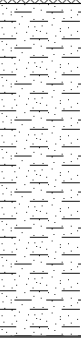
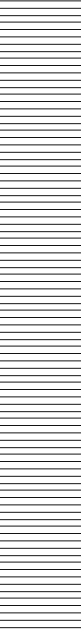
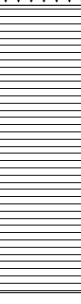
Level: 42.47

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.50	39.97		MADE GROUND: Fill.	1
								Red brown sandy CLAY.	2
					6.90	35.57		Grey MUDSTONE.	3
								Grey SANDSTONE.	4
					15.40	27.07		Grey MUDSTONE with SANDSTONE bands.	5
					16.20	26.27			6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0211

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346121.82 - 392073.70

Hole Type
RO

Location: PRESCOT

Level: 42.47

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					30.00	12.47			21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0212

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346076.61 - 392066.70

Hole Type
RO

Location: PRESCOT

Level: 42.94

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.44		MADE GROUND: Fill.	1
								Soft drilling.	2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 42.00m bgl. 4. Evidence of potential mine shaft identified. 5. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0212

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346076.61 - 392066.70

Hole Type
RO

Location: PRESCOT

Level: 42.94

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 42.00m bgl. 4. Evidence of potential mine shaft identified. 5. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0212

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346076.61 - 392066.70

Hole Type
RO

Location: PRESCOT

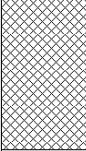
Level: 42.94

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 15/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	0.94		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 42.00m bgl. 4. Evidence of potential mine shaft identified. 5. Borehole backfilled with arisings.



Borehole Log

Borehole No.

R0212E

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346079.58 - 392063.80

Hole Type
RO

Location: PRESCOT

Level: 42.80

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 16/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.30		MADE GROUND: Fill.	1
								Soft drilling.	2
					3.40	39.40		Red brown sandy CLAY.	3
									4
									5
									6
									7
									8
					9.20	33.60		Grey MUDSTONE.	9
									10
									11
									12
									13
									14
									15
									16
									17
					18.30	24.50		Grey SANDSTONE.	18
									19
					19.80	23.00			20
								Continued on next sheet	

Remarks

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.





Borehole Log

Borehole No.

R0212E

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346079.58 - 392063.80

Hole Type
RO

Location: PRESCOT

Level: 42.80

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 16/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Grey MUDSTONE with sandstone bands.	
									21
									22
									23
									24
									25
									26
									27
									28
									29
					30.00	12.80			30
								End of borehole at 30.00 m	31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks
1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.





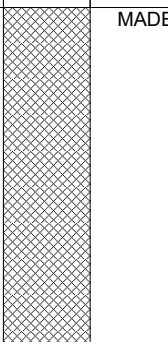
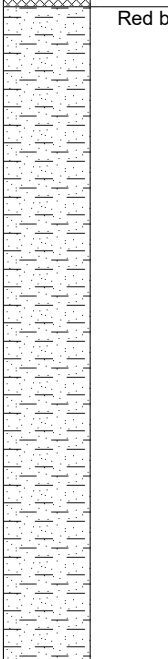
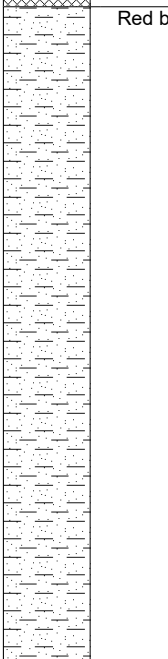
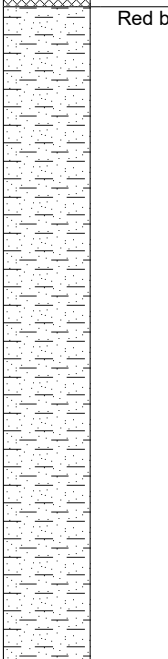
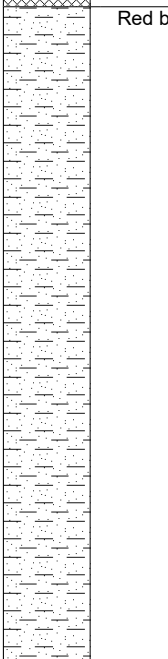
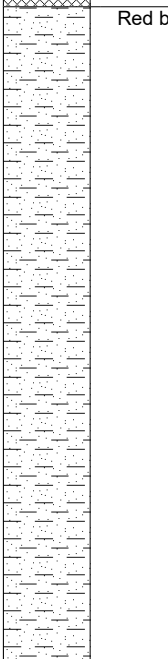
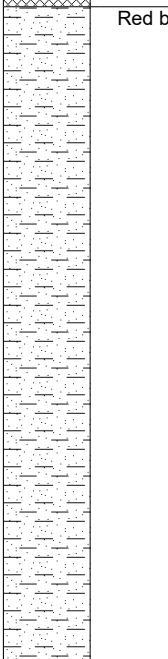
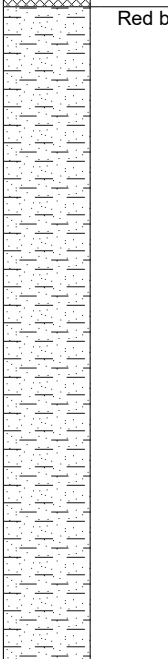
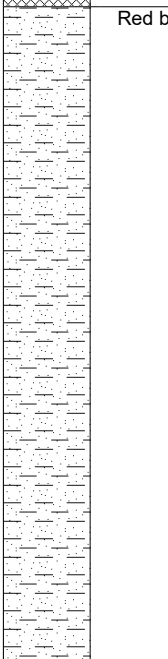
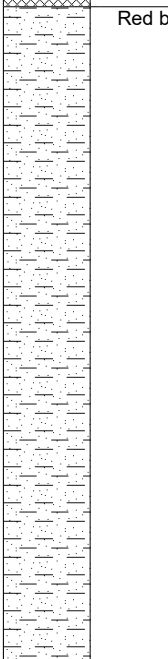
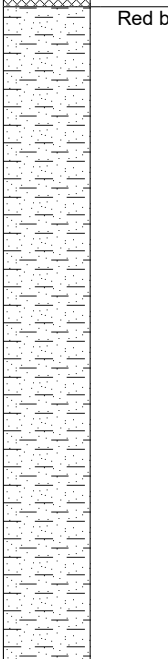
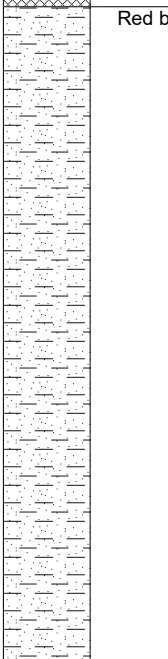
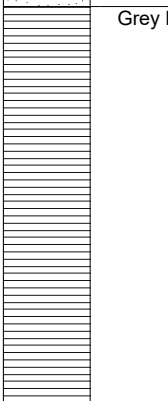
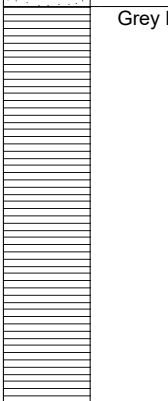
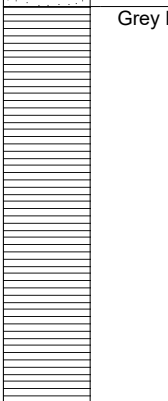
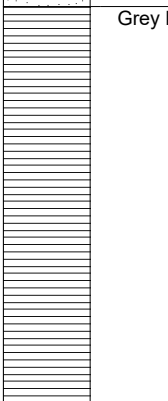
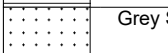
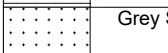
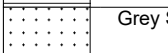
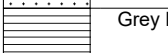
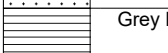
Borehole No.
RO213/PR262

Sheet 1 of 2

Hole Type
RO

Scale
1:100

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description														
		Depth (m)	Type	Results																		
					4.50	39.75		MADE GROUND: Fill.	1													
								Red brown sandy CLAY.	2													
										3												
											4											
										5												
											6											
												7										
													8									
														9								
															10							
																11						
																	12					
																13.20	31.05		Grey MUDSTONE.	13		
																					14	
																						15
																						
																18.50	25.75		Grey SANDSTONE.	17		
																				18		
																				19		
									19.20										25.05		Grey MUDSTONE.	20
																						
	Continued on next sheet																					

1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.
RO213/PR262

Sheet 2 of 2

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346027.07 - 391964.00	Hole Type RO
Location: PRESCOT		Level: 44.25	Scale 1:100
Client: PARTNER CONSTRUCTION LTD		Dates: 16/01/2024 -	Logged By EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					23.10	21.15			21
					23.80	20.45			22
									23
									24
									25
									26
									27
									28
									29
					30.00	14.25			30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks
1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR201

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346056.39 - 392006.23

Hole Type
RO

Location: PRESCOT

Level: 42.49

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					11.70	30.79			12
								BEDROCK.	
					13.00	29.49			13
								End of borehole at 13.00 m	
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR202

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346054.59 - 392003.83

Hole Type
RO

Location: PRESCOT

Level: 42.76

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					11.80	30.96		BEDROCK.	12
					13.00	29.76		End of borehole at 13.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR203

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346052.79 - 392001.43

Hole Type
RO

Location: PRESCOT

Level: 43.04

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.00	31.04			12
					13.00	30.04			13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR204

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346051.46 - 391998.82

Hole Type
RO

Location: PRESCOT

Level: 43.13

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.60	30.53			12
								BEDROCK.	13
					14.00	29.13			14
								End of borehole at 14.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR205

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346049.19 - 391996.63

Hole Type
RO

Location: PRESCOT

Level: 43.45

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	30.45			13
					14.00	29.45			14
								BEDROCK.	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR206

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346047.38 - 391994.23

Hole Type
RO

Location: PRESCOT

Level: 43.30

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.20	30.10			13
								BEDROCK.	14
					14.50	28.80			15
								End of borehole at 14.50 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR207

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346045.58 - 391991.83

Hole Type
RO

Location: PRESCOT

Level: 43.44

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
					13.80	29.64		BEDROCK.	14
					15.00	28.44		End of borehole at 15.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR208

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346043.78 - 391989.43

Hole Type
RO

Location: PRESCOT

Level: 43.67

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
					14.70	28.97		BEDROCK	15
					16.00	27.67		End of borehole at 16.00 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 16.00m bgl. 4. Borehole backfilled with arisings.



					Borehole Log			Borehole No. PR209 Sheet 1 of 1		
Project Name: CARR LANE					Project No. GRO-22463		Co-ords: 346041.98 - 391987.03		Hole Type RO	
Location: PRESCOT							Level: 43.55		Scale 1:100	
Client: PARTNER CONSTRUCTION LTD							Dates: 10/01/2024 -		Logged By EW	
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								OVERBURDEN.		
									1	
									2	
									3	
									4	
									5	
									6	
									7	
									8	
									9	
									10	
									11	
									12	
									13	
					14.60	28.95			14	
								BEDROCK.	15	
					16.00	27.55			16	
								End of borehole at 16.00 m	17	
									18	
									19	
									20	
Remarks 1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 16.00m bgl. 4. Borehole backfilled with arisings.										

Borehole Log

Borehole No.

PR210

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346040.18 - 391984.64

Hole Type
RO

Location: PRESCOT

Level: 43.67

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
					14.00	29.67		BEDROCK.	14
					15.00	28.67		End of borehole at 15.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR211

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346038.37 - 391982.24

Hole Type
RO

Location: PRESCOT

Level: 43.83

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
					14.70	29.13		BEDROCK.	15
					16.00	27.83		End of borehole at 16.00 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 16.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR212

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346036.57 - 391979.84

Hole Type
RO

Location: PRESCOT

Level: 43.82

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
					14.60	29.22			15
								BEDROCK.	16
					16.00	27.82			17
								End of borehole at 16.00 m	18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 16.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR213

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346034.77 - 391977.44

Hole Type
RO

Location: PRESCOT

Level: 43.99

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
					14.50	29.49			14
								BEDROCK.	15
					16.00	27.99			16
								End of borehole at 16.00 m	17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 16.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR214

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346032.97 - 391975.04

Hole Type
RO

Location: PRESCOT

Level: 43.99

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
					13.90	30.09		BEDROCK.	14
					15.00	28.99		End of borehole at 15.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR215

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346031.16 - 391972.65

Hole Type
RO

Location: PRESCOT

Level: 44.08

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
					13.70	30.38			14
								BEDROCK.	15
					15.00	29.08			16
								End of borehole at 15.00 m	17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



					Borehole Log			Borehole No. PR216 Sheet 1 of 1		
Project Name: CARR LANE					Project No. GRO-22463		Co-ords: 346029.36 - 391970.25		Hole Type RO	
Location: PRESCOT							Level: 44.01		Scale 1:100	
Client: PARTNER CONSTRUCTION LTD							Dates: 10/01/2024 -		Logged By EW	
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								OVERBURDEN.		
					13.30	30.71				
					15.00	29.01		BEDROCK.		
								End of borehole at 15.00 m		
Remarks										
1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.										

Borehole Log

Borehole No.

PR217

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346027.56 - 391967.85

Hole Type
RO

Location: PRESCOT

Level: 44.08

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	31.08			13
					14.00	30.08			14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.76 - 391965.45

Hole Type
RO

Location: PRESCOT

Level: 44.23

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Soft Drilling.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.76 - 391965.45

Hole Type
RO

Location: PRESCOT

Level: 44.23

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.76 - 391965.45

Hole Type
RO

Location: PRESCOT

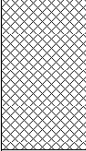
Level: 44.23

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 10/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	2.23		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218A

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346023.96 - 391963.05

Hole Type
RO

Location: PRESCOT

Level: 44.22

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.80	31.42			13
								BEDROCK.	
					14.00	30.22			14
								End of borehole at 14.00 m	
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218E

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.35 - 391964.59

Hole Type
RO

Location: PRESCOT

Level: 44.24

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Soft Drilling.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218E

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.35 - 391964.59

Hole Type
RO

Location: PRESCOT

Level: 44.24

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218E

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.35 - 391964.59

Hole Type
RO

Location: PRESCOT

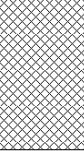
Level: 44.24

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	2.24		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR218W

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.16 - 391966.31

Hole Type
RO

Location: PRESCOT

Level: 44.23

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.60	31.63		BEDROCK.	13
					14.00	30.23		End of borehole at 14.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR219

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346073.26 - 391995.68

Hole Type
RO

Location: PRESCOT

Level: 42.53

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	31.53		BEDROCK.	11
					12.00	30.53		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR220

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346071.46 - 391993.28

Hole Type
RO

Location: PRESCOT

Level: 42.80

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.10	31.70			11
								BEDROCK.	12
					12.50	30.30			13
								End of borehole at 12.50 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR221

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346069.66 - 391990.88

Hole Type
RO

Location: PRESCOT

Level: 42.91

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					11.60	31.31			12
								BEDROCK.	12
					13.00	29.91			13
								End of borehole at 13.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR222

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346067.85 - 391988.48

Hole Type
RO

Location: PRESCOT

Level: 43.52

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					11.80	31.72		BEDROCK.	12
					13.00	30.52		End of borehole at 13.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR223

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346066.05 - 391986.08

Hole Type
RO

Location: PRESCOT

Level: 43.26

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.30	30.96			12
								BEDROCK.	13
					14.00	29.26			14
								End of borehole at 14.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR224

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346064.25 - 391983.69

Hole Type
RO

Location: PRESCOT

Level: 43.27

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.50	30.77			12
								BEDROCK.	13
					14.00	29.27			14
								End of borehole at 14.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR225

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346062.45 - 391981.29

Hole Type
RO

Location: PRESCOT

Level: 43.80

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.60	31.20			12
								BEDROCK.	13
					14.00	29.80			14
								End of borehole at 14.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR226

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346060.65 - 391978.89

Hole Type
RO

Location: PRESCOT

Level: 43.60

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.20	30.40			13
								BEDROCK.	14
					14.50	29.10			15
								End of borehole at 14.50 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR227

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346058.84 - 391976.49

Hole Type
RO

Location: PRESCOT

Level: 43.70

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.80	30.90		BEDROCK.	13
					14.00	29.70		End of borehole at 14.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR228

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346057.04 - 391974.09

Hole Type
RO

Location: PRESCOT

Level: 43.90

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.80	31.10			13
								BEDROCK.	
					14.00	29.90			14
								End of borehole at 14.00 m	
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR229

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346055.24 - 391971.69

Hole Type
RO

Location: PRESCOT

Level: 44.04

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.80	31.24			13
								BEDROCK.	
					14.00	30.04			14
								End of borehole at 14.00 m	
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR230

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346053.44 - 391969.29

Hole Type
RO

Location: PRESCOT

Level: 44.08

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.50	30.58			13
								BEDROCK.	14
					15.00	29.08			15
								End of borehole at 15.00 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR231

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346051.63 - 391966.90

Hole Type
RO

Location: PRESCOT

Level: 43.99

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.40	30.59			13
								BEDROCK.	14
					15.00	28.99			15
								End of borehole at 15.00 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR232

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346049.83 - 391964.50

Hole Type
RO

Location: PRESCOT

Level: 44.12

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.40	30.72			13
								BEDROCK.	14
					15.00	29.12			15
								End of borehole at 15.00 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 15.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR233

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346048.03 - 391962.10

Hole Type
RO

Location: PRESCOT

Level: 44.04

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.10	30.94			13
								BEDROCK.	14
					14.50	29.54			15
								End of borehole at 14.50 m	16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.50m bgl. 4. Borehole backfilled with arisings.



					Borehole Log			Borehole No. PR234 Sheet 1 of 1		
Project Name: CARR LANE					Project No. GRO-22463		Co-ords: 346046.23 - 391959.70		Hole Type RO	
Location: PRESCOT							Level: 44.33		Scale 1:100	
Client: PARTNER CONSTRUCTION LTD							Dates: 11/01/2024 -		Logged By EW	
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								OVERBURDEN.		
									1	
									2	
									3	
									4	
									5	
									6	
									7	
									8	
									9	
									10	
									11	
									12	
					13.00	31.33			13	
					14.00	30.33			14	
								BEDROCK.		
								End of borehole at 14.00 m		
									15	
									16	
									17	
									18	
									19	
									20	
Remarks 1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.										

Borehole Log

Borehole No.

PR235

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346044.43 - 391957.30

Hole Type
RO

Location: PRESCOT

Level: 44.19

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	31.19			13
					14.00	30.19			14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR236

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346042.62 - 391954.90

Hole Type
RO

Location: PRESCOT

Level: 44.33

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.70	31.63		BEDROCK.	13
					14.00	30.33		End of borehole at 14.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR237

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346093.59 - 391982.72

Hole Type
RO

Location: PRESCOT

Level: 43.12

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
					10.20	32.92			10
								BEDROCK.	11
					11.50	31.62			12
								End of borehole at 11.50 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 11.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR238

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346091.78 - 391980.32

Hole Type
RO

Location: PRESCOT

Level: 43.35

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
					10.40	32.95			10
								BEDROCK.	11
					12.00	31.35			12
								End of borehole at 12.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR239

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346089.98 - 391977.92

Hole Type
RO

Location: PRESCOT

Level: 43.52

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	32.52		BEDROCK.	11
					12.00	31.52		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR240

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346088.18 - 391975.53

Hole Type
RO

Location: PRESCOT

Level: 43.63

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 11/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					10.40	33.23			11
								BEDROCK.	12
					12.00	31.63			13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR241

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346086.38 - 391973.13

Hole Type
RO

Location: PRESCOT

Level: 43.78

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
					10.50	33.28			10
								BEDROCK.	11
					12.00	31.78			12
								End of borehole at 12.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR242

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346084.58 - 391970.73

Hole Type
RO

Location: PRESCOT

Level: 43.98

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.20	32.78			11
								BEDROCK.	12
					12.50	31.48			13
								End of borehole at 12.50 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR243

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346082.77 - 391968.33

Hole Type
RO

Location: PRESCOT

Level: 43.80

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.50	32.30			11
								BEDROCK.	12
					13.00	30.80			13
								End of borehole at 13.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR244

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346080.97 - 391965.93

Hole Type
RO

Location: PRESCOT

Level: 44.13

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.60	32.53			11
								BEDROCK.	12
					13.00	31.13			13
								End of borehole at 13.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR245

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346079.17 - 391963.53

Hole Type
RO

Location: PRESCOT

Level: 44.15

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					11.80	32.35		BEDROCK.	12
					13.00	31.15		End of borehole at 13.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR246

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346077.37 - 391961.14

Hole Type
RO

Location: PRESCOT

Level: 44.22

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.40	32.82			11
								BEDROCK.	12
					13.00	31.22			13
								End of borehole at 13.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR247

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346075.57 - 391958.74

Hole Type
RO

Location: PRESCOT

Level: 44.31

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	33.31		BEDROCK.	11
					12.00	32.31		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR248

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346073.76 - 391956.34

Hole Type
RO

Location: PRESCOT

Level: 44.30

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.50	32.80			11
								BEDROCK.	12
					13.00	31.30			13
								End of borehole at 13.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR249

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346071.96 - 391953.94

Hole Type
RO

Location: PRESCOT

Level: 44.39

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	33.39		BEDROCK.	11
					12.00	32.39		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR250

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346070.16 - 391951.54

Hole Type
RO

Location: PRESCOT

Level: 44.46

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.20	33.26			11
								BEDROCK.	12
					12.50	31.96			13
								End of borehole at 12.50 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR251

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346068.36 - 391949.11

Hole Type
RO

Location: PRESCOT

Level: 44.52

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	33.52		BEDROCK.	11
					12.00	32.52		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR252

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346066.55 - 391946.75

Hole Type
RO

Location: PRESCOT

Level: 44.49

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	33.49		BEDROCK.	11
					12.00	32.49		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR253

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346064.75 - 391944.35

Hole Type
RO

Location: PRESCOT

Level: 44.35

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
					11.00	33.35		BEDROCK.	11
					12.00	32.35		End of borehole at 12.00 m	12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR254

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346062.95 - 391941.95

Hole Type
RO

Location: PRESCOT

Level: 44.24

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
					10.40	33.84			10
								BEDROCK.	11
					12.00	32.24			12
								End of borehole at 12.00 m	13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 12.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR255

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.32 - 391966.13

Hole Type
RO

Location: PRESCOT

Level: 44.22

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Soft Drilling.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR255

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.32 - 391966.13

Hole Type
RO

Location: PRESCOT

Level: 44.22

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR255

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.32 - 391966.13

Hole Type
RO

Location: PRESCOT

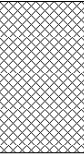
Level: 44.22

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	2.22		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR256

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.92 - 391965.27

Hole Type
RO

Location: PRESCOT

Level: 44.21

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Soft Drilling.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR256

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.92 - 391965.27

Hole Type
RO

Location: PRESCOT

Level: 44.21

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR256

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.92 - 391965.27

Hole Type
RO

Location: PRESCOT

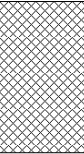
Level: 44.21

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	2.21		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR257

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.87 - 391964.02

Hole Type
RO

Location: PRESCOT

Level: 44.25

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	31.25			13
					14.00	30.25			14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR258

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346027.54 - 391966.13

Hole Type
RO

Location: PRESCOT

Level: 44.32

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Soft Drilling.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR258

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346027.54 - 391966.13

Hole Type
RO

Location: PRESCOT

Level: 44.32

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR258

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346027.54 - 391966.13

Hole Type
RO

Location: PRESCOT

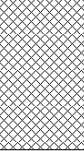
Level: 44.32

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					42.00	2.32		End of borehole at 42.00 m	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 42.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR259

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.94 - 391966.99

Hole Type
RO

Location: PRESCOT

Level: 44.08

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	31.08			13
					14.00	30.08			14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR260

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346028.33 - 391965.75

Hole Type
RO

Location: PRESCOT

Level: 44.32

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					13.00	31.32			13
					14.00	30.32			14
								End of borehole at 14.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR261

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346027.71 - 391964.89

Hole Type
RO

Location: PRESCOT

Level: 44.26

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.50	31.76			12
					13.50	30.76		BEDROCK.	13
								End of borehole at 13.50 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR263

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.72 - 391966.98

Hole Type
RO

Location: PRESCOT

Level: 44.24

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
					12.40	31.84			12
					13.50	30.74		BEDROCK.	13
								End of borehole at 13.50 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR264

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346028.16 - 391966.99

Hole Type
RO

Location: PRESCOT

Level: 44.15

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.70	31.45		BEDROCK.	13
					14.00	30.15		End of borehole at 14.00 m	14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 14.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR265

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346025.18 - 391964.82

Hole Type
RO

Location: PRESCOT

Level: 44.08

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.80 13.00	31.28 31.08			13
								BEDROCK.	14
								End of borehole at 13.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 13.00m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR266

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346077.25 - 392067.29

Hole Type
RO

Location: PRESCOT

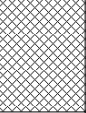
Level: 43.00

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.50		MADE GROUND.	1
								----- End of borehole at 1.50 m -----	2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 1.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR267

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346075.81 - 392066.07

Hole Type
RO

Location: PRESCOT

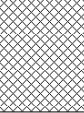
Level: 42.97

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.47		MADE GROUND.	1
								----- End of borehole at 1.50 m -----	2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 1.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR268

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346075.87 - 392067.42

Hole Type
RO

Location: PRESCOT

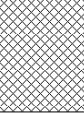
Level: 42.97

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.47		MADE GROUND.	1
								End of borehole at 1.50 m	2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 1.50m bgl. 4. Borehole backfilled with arisings.



Borehole Log

Borehole No.

PR269

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346077.35 - 392065.97

Hole Type
RO

Location: PRESCOT

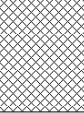
Level: 42.90

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.50	41.40		MADE GROUND.	1
								End of borehole at 1.50 m	2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 1.50m bgl. 4. Borehole backfilled with arisings.



					Borehole Log			Borehole No. PR270 Sheet 1 of 1		
Project Name: CARR LANE					Project No. GRO-22463		Co-ords: 346078.09 - 392065.25		Hole Type RO	
Location: PRESCOT					Level: 42.87		Scale 1:100		Logged By EW	
Client: PARTNER CONSTRUCTION LTD					Dates: 12/01/2024 -					
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								OVERBURDEN.		
					7.00	35.87				
					8.00	34.87		BEDROCK.		
								End of borehole at 8.00 m		
Remarks 1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 8.00m bgl. 4. Borehole backfilled with arisings.										



Borehole Log

Borehole No.

PR271

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346078.83 - 392064.52

Hole Type
RO

Location: PRESCOT

Level: 42.83

Scale
1:100

Client: PARTNER CONSTRUCTION LTD

Dates: 12/01/2024 -

Logged By
EW

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								OVERBURDEN.	1
									2
									3
									4
									5
									6
					7.20	35.63			7
								BEDROCK.	8
					8.50	34.33			9
								End of borehole at 8.50 m	10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

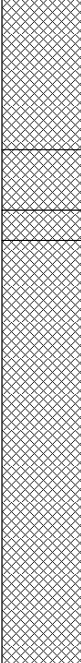
1. Location cleared of services using a Cable Avoidance Tool (CAT). 2. No groundwater encountered. 3. Borehole terminated at 8.50m bgl. 4. Borehole backfilled with arisings.



				Trial Pit Log				Trialpit No TP201 Sheet 1 of 1	
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346032.86 - 391905.70 Level: 43.38		Date 10/01/2024	
Location: PRESCOT				Dimensions (m): Depth 3.00		1.8 		Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20 0.25	ES D		0.30	43.08		MADE GROUND: Dark brown gravelly clayey fine to coarse sand. Gravel is subangular fine to coarse of brick, concrete, clinker and metal.		
							MADE GROUND: Dark grey slightly clayey very gravelly fine to coarse sand. Gravel is subangular fine to medium of clinker and brick.		
	0.80 0.90	ES D		1.20	42.18		Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of mudstone. Sand is fine to coarse.		
	2.00	D		3.00	40.38		End of pit at 3.00 m		
Remarks: 1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Trial pit excavated to a depth of 3.00m bgl. 3. Groundwater encountered at 1.20m bgl. 4. Backfilled with arisings.									
Stability:									

				Trial Pit Log			Trialpit No TP202 Sheet 1 of 1		
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346015.54 - 391914.50 Level: 43.30		Date 10/01/2024	
Location: PRESCOT				Dimensions (m): Depth 3.10		1.5 		Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20 0.25	ES D		0.35	42.95		MADE GROUND: Brown slightly clayey very gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick, metal, clinker, concrete and wood.		
							MADE GROUND: Dark grey blue slightly clayey very gravelly fine to coarse sand. Gravel is angular to subangular fine to medium of clinker and brick. Sand is fine to coarse.		
	1.00	ES							
	1.50	D							
	2.00	D							
	3.00	D		2.80	40.50		Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of mudstone. Sand is fine to coarse.		
				3.10	40.20		End of pit at 3.10 m		
Remarks: 1. Location cleared of services using a handheld Cable Avoidance Tool (CAT). 2. Trial pit excavated to a depth of 3.10m bgl. 3. Groundwater encountered at 2.80m bgl. 4. Backfilled with arisings.									
Stability:									



				Trial Pit Log			Trialpit No TP206 Sheet 1 of 1		
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346065.71 - 392031.80 Level: 42.09		Date 10/01/2024	
Location: PRESCOT				Dimensions (m): Depth 2.20		1.2 0.6		Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES					MADE GROUND: Dark brown slightly clayey very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete and metal.		
	0.60	ES		0.50	41.59		MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular to subangular medium to coarse of concrete, brick and metal. (Strong hydrocarbon odour).		
				0.70	41.39		MADE GROUND: Grey concrete.		
				0.80	41.29		MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular to subangular medium to coarse of concrete, brick and metal.		
	1.50	ES							
				2.20	39.89		End of pit at 2.20 m		
									1
									2
									3
									4
									5
Remarks: 1. Location cleared of services using a handheld Cable Avoidance Tool (CAT).. 2. Trial pit excavated to a depth of 2.20m bgl. 3. No groundwater encountered. 4. Backfilled with arisings.									
Stability:									



APPENDIX 5 - Limitations

Limitations

This report (Report) forms part of the Services and if applicable Additional Services undertaken by Groundtech Consulting Ltd pursuant to a written contract (Agreement) which contains detailed provisions including express limitations of the liability of Groundtech Consulting Ltd.

This Report was prepared using reasonable skill and care as stated in the Agreement for the purpose including intended end use stated by the Client (Purpose) and the liability of Groundtech Consulting Ltd in respect of the form and content of this Report is no greater than its liability under the Agreement. All records, measurements notes, or any other data (Data) obtained by or for the benefit of the Consultant were obtained at a specific point in time and it may not be assumed by the Client or any person relying on this Report that the Data will remain unaffected by the passage of time, the seasons, weather conditions, changes in the water table or the carrying out and completion of works at the Site.

Unless otherwise agreed this Report has been prepared exclusively for the use and reliance of the Client and may not be relied upon, by any other party except as provided for in the Agreement. A third party who relies on this Report, does so at their own and sole risk and Groundtech Consulting Ltd has no liability to such parties.

Groundtech Consulting Ltd that this Report is to be used for the Purpose. The Purpose was instrumental in determining the scope and of the Services provided. If the Purpose should change, the Client may not be able to rely on the Report without the separate agreement of Groundtech Consulting Ltd.

Since the Report was written, later changes in legislation, statutory requirements and industry best practices have not been considered and this should be allowed for. Ground conditions can also change (see below) and should be investigated if there is any significant delay in acting on the findings of this Report. The period of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the Report inaccurate or unreliable. The information and conclusions in this Report should not be relied upon in the future without written confirmation from Groundtech Consulting Ltd that it is safe to do so.

The observations and conclusions outlined in this Report are based exclusively on the services that were provided as set out in the agreement between the client and Groundtech Consulting Ltd.

Groundtech Consulting Ltd is not liable for the existence of any condition, the discovery of which would require additional investigation outside the agreed scope of works or core competency. The Report is based upon Groundtech Consulting Ltd's observations of existing physical conditions at the Site gained from site reconnaissance together with interpretation of information including documentation, obtained from third parties and from the Client on the history and usage of the Site. The findings and recommendations contained in this Report are based in part upon information provided by third parties, and Groundtech Consulting Ltd have relied upon such information assuming it to be correct.

Groundtech Consulting Ltd accepts no responsibility for errors or inaccuracies in third party information presented in this Report. Groundtech Consulting Ltd was not authorised to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services or Additional Services. Groundtech Consulting Ltd is not liable for any inaccurate information, misrepresentation of data or conclusions, which may inform the scope of investigation undertaken by Groundtech Consulting Ltd and forms the contract with the client.

Where field investigations have been carried out these have been restricted to a level of detail required to achieve the stated objectives of the work. Ground conditions may also vary due to the ground's heterogeneous properties and because investigation exploratory locations only allow examination of the ground at discrete locations. The potential exists for ground conditions to be encountered which are different to those considered

in this Report, particularly between exploratory holes. The extent of the limited area depends on the soil and groundwater conditions, together with other constraints such as the position of any existing structures and underground utilities. If so stipulated in the Agreement, geo-environmental testing was carried out for a limited number of parameters based on an understanding of the available operational and historical information, and it should not be inferred that other chemical species are not present.

Any groundwater conditions entered on the exploratory hole records are those observed at the time of investigation. The groundwater level often has not had time to reach equilibrium and a monitoring period is required. Furthermore, groundwater levels are subject to seasonal variation or changes in local drainage conditions and groundwater levels may occur at other times of the year which are higher than were recorded during this investigation.

Any site drawings provided in this Report are preliminary and used to present the general relative locations of features on, and surrounding, the Site.

