LYONS CMC
COAL MINING & GEOTECHNICAL CONSULTANCY
Web: www.lyonscmc.co.uk
Email: Redacted
Mob: Redacte

Agrosmart Ltd
Unit 1C Victoria Court
Colliers Way, Clayton West
Huddersfield
HD8 9TR

Date: 4th March 2026
Your ref: (HD2 1YF)
My Ref: GVR 00372

FOR THE ATTENTION OF MR GRAHAM HAIGH & STEVE SPURR

Dear Sirs,

GROUTING VALIDATION REPORT – FOLLOWING THE DRILLING AND GROUTING TREAMENT OF SHALLOW MINE WORKINGS FOR PROPOSED NEW STORAGE UNIT AT LAND AT RED DOLES LANE, LEEDS ROAD, HUDDERSFIELD HD2 1YF

I am pleased to supply the following validation report for the above project and trust that this satisfies your requirements. Please do not hesitate to contact myself at any time for further clarification or advice.

Yours Sincerely,

Redacted

M. Lyons
Consultant Mining Engineer
BSci CSci MIMMM

Contents

1. INTRODUCTION

Lyons CMC has been commissioned by Spurr Geotechnical Ltd, on behalf of Graham Haigh (the client) to act as the supervising geotechnical engineer to monitor, check and validate the stabilisation treatment works of shallow coal mining which has previously been identified at this site. It is understood that planning approval (Ref 2024/93250) has been granted by Kirklees Council for the extension of an industrial unit. Spurr Geotechnical were requested by the client to drill and grout the single plot on the site, as shown on the Drilling & Grouting Location Plan No 00372.3 in Appendix 4.1 of this report. The works were undertaken under the Terms and Conditions of a Coal Authority Permit, No. 30595, a copy of which is presented in Appendix 4.7 of this report. This report presents the information associated with stabilisation works carried out on the above referenced development. This completion report has been prepared for the sole use of Spurr Geotechnical Ltd and Graham Haigh (client). No other third party may rely upon or reproduce the contents of this report without the written approval of Lyons CMC. If any unauthorised third party comes into possession of this report, they rely on it entirely at their own risk and the authors do not owe them any Duty of Care or Skill.

1.1 SITE DESCRIPTION

The site comprises a hardstanding and storage area with no element of fauna present. As such no evidence of any invasive species such as Japanese Knotweed were noted during the site walkover. The site is situated within an industrial area on all sides of the property. Spurr Geotechnical addressed the aspect of service/utility avoidance as part of their sub-contract agreement with the client.

1.2 PREVIOUS PHASE 1 INVESTIGATION

Lyons CMC provided the client with a Coal Mining Risk Assessment for the site ref: CMRA 00372 dated 11th October 2024. The conclusion within this report from the shallow coal mining aspect was as follows:

> *Given the Shallow Mining position it is clear that there is potential for instability from old mining void migration to the surface given the shallow workings and limited firm overlying rock/strata above (not including the alluvial material). As the precise detail is somewhat uncertain (thicknesses of: firm overlying strata, coal seam/voids, fireclay) a limited site investigation of three or more water-flush boreholes to the base of the coal seam/workings across the extent of the proposed footprint from east to west should prove beneficial to better inform the likely further stabilisation works and foundation designs. The results of the investigation can then be presented to an appropriately qualified drilling and grouting specialist and structural engineer, in order to achieve a proposed solution to the agreement of the Coal Authority (as owners of the coal/workings). It should be noted that a permit from the Coal Authority should be secured prior to any investigation or grouting works.*

2. DRILLING & GROUTING WORKS

2.1 PREVIOUS PHASE 2 INVESTIGATION FINDINGS

Subsequent to the CMRA and progressing through the planning procedure, the client sub-contracted Cape Site Services, along with Lyons CMC as supervising senior engineer, to oversee the intrusive investigation of possible mine workings as identified within the CMRA. Cape undertook those works on the 5th & 6th June 2025 (under MRA Permit 29724), where shallow coal workings were proved in two of boreholes advised for. Lyons CMC provided a follow up report for the investigation ref: SI 00372 dated 13th June 2025; whereby the conclusions for the shallow mining aspect were as follows:

> *Given best practice guidance for development above abandoned mine workings (CIRIA C758D) it is clear that a stability issue is present for this site by way of the shallow coal workings in what appears to be the Hard Bed coal seam at this location, which is consistent with past historic findings and treatment works which have apparently been carried out for the existing adjacent building. Note: informatives 1 & 2 in appendix 5.6. In this case, the aggregate measured height of the mine workings is proved at circa 1.4m which would include the 0.9m of coal along with underlying/overlying fireclay (ganister); and given the 4.5m to 5.8m of superficial material at the surface there will be in the region of between 7.5m to 10m of competent rock cover above the workings – i.e. less than the required 10 times the workings section (which would equate to 14m minimum).*
>
> *Considering the above, a drilling and grouting regime to stabilise the shallow voids would be recommended, for example on a 3m x 3m grid across and outside of the proposed development footprint; with a 1.5m spaced grout curtain down-dip (towards the south-east) in order to hold the grout to beneath the proposed footprint alone. An appropriately qualified grouting contractor should be sourced to carry out these works; and it should be noted that a further permit from the Mining Remediation Authority would be required.*

Following discussions with the relevant authorities, the client opted for a drilling and grouting procedure and Spurr Geotechnical were appointed as sub-contractor for those works.

2.2 DRILLING & GROUTING SPECIFICATION

The details for the grout treatment of the mine workings (referenced 'Drilling & Grouting Plan) was prepared by Lyons CMC along with scheme of works proposal report ref: D&G 00372 dated 24th September 2025. A copy of this document was submitted to the Mining Remediation Authority, as part of the application for the Permit for the works. Lyons CMC provided part-time supervision on site to ensure that the works were carried out in accordance with the above document.

2.3 PROGRAMME

The drilling of the boreholes for grouting purposes was carried out between 19th November to 12th December 2025 as a continuous operation.

Grouting of the boreholes was carried out between the 2nd to 17th December 2025, again as a continuous operation.

The validation test boreholes (as referred to in Section 3.0 below) were drilled on the 17th December 2025.

2.4 DRILLING PROCEDURE

Boreholes were drilled using an open rotary percussive drilling rig (a Hutte 502 rotary rig) with water flush, in accordance with the Specification and Coal Authority Permit No 30595. The treatment works were undertaken by Spurr Geotechnical Ltd, under a domestic sub-contract with the client. On completion of the drilling of each borehole a temporary sacrificial plastic casing was installed to stabilise the hole, prior to undertaking the grouting. Throughout the treatment area, boreholes/grout injection points were drilled in accordance with the layout as shown on Drilling & Grouting Borehole Plan No. 00372.4, presented in Appendix 4.2 of this report. The original primary off-set 3m drilling grid comprised boreholes, which were to ensure that treatment covered the extent of the footprint of the proposed building to 3m outside of the curtilage to provide an appropriate angle of repose from rock-head. Intermediate holes were drilled in areas of high grout takes to ensure efficacy. A total of 95 boreholes were drilled as part of the works. Each hole was drilled to 17m below ground level (bgl), i.e to circa 1 m below the depth of voided/fractured ground identified in the previous investigation. The ground conditions encountered in each borehole are detailed within daily drill log sheets, included in Appendix 4.4 of this report and summarised below.

2.5 GROUND CONDITIONS ENCOUNTERED

Made ground followed by superficial material of sandy clays were encountered in all holes to depths of circa 6m deep before rock head which was noted as mudstone to the drillers description. Casing was installed during the drilling, in all of the boreholes to a depth of 6.0m bgl. In-tact coal of circa 0.7m thickness was encountered in 77 of the 95 holes drilled (81%) at circa 14m deep. Mine workings encountered as total voids were encountered in holes: B3, B6, E5, F5, I3 & I4. Mine workings encountered as broken ground (possibly back stowed) were encountered in holes: A1, A2, C4, C5, C7, C10, D5, D7, G2, G5, I1 & I2.

No evidence of any deep soft ground or broken ground associated with any likely mine entries was recorded in any of the treatment boreholes.

2.6 GROUTING PROCEDURE

Boreholes were injected with grout comprising a 10:1 ratio mixture of PFA and Ordinary Portland Cement (OPC) respectively with 50 to 55% water.

Grout was injected under hydrostatic head into all boreholes using a tremie pipe and a two inch (50mm) diameter diaphragm pump operating at around 100psi (6.9 bar), until grout appeared at the surface. Grout takes for all treatment boreholes are presented within the Spurr Geotechnical Ltd records of December 2026, as outlined in Appendix 4.5 and summarized on the Grout Take Plan No. 00372.5 presented in Appendix 4.3 of this report.

A total of approximately 214 tonnes of grout was injected into the drilled boreholes.

3. VALIDATION

In order to ensure the grout uptake was correct, three verification test boreholes were re-drilled, following-on from the grouting process. These holes, which are shown on the Grout Take Plan No. 00372.5, were located in close proximity to the areas which recorded relatively high grout takes. Lyons CMC were present on site for the drilling of these test holes and observed firm drilling, with grout returns to surface, over the approximate depth range of the previous takes. The contractor backfilled these test holes and pumped grout slightly above hydrostatic head. It was noted by observing a pressure gauge attached to the temporary drill casing, at surface, that the pressure above hydrostatic did not bleed away, indicating that no further take of grout was possible at the locations tested

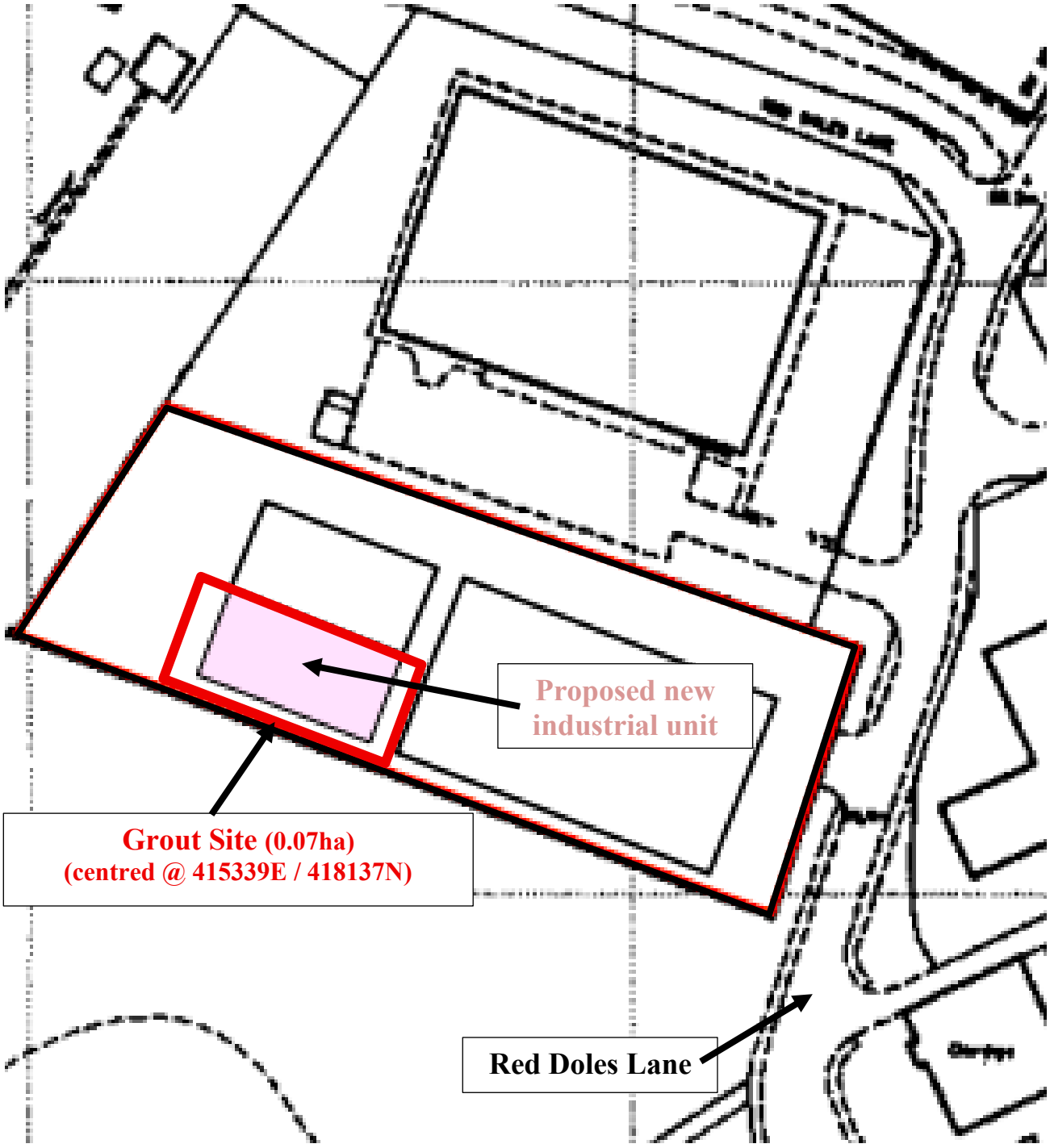
In order to determine the compressive strength of infill grout, 3No. test cubes were formed on site, and subject to testing by SOCOTEC UK, a UKAS accredited laboratory. Grout cubes were scheduled to be crushed in accordance with BS 12390-3: 2009.

The results of testing are presented in Appendix 4.6 of this report which indicates a 13 to 16 day cube strength of 1.0 N/mm2 has been achieved, equal to that required for general treatment of boreholes. The cube strength is therefore likely to exceed this further for the remaining 28 day test and spare test. As such, we are satisfied that the site has been rendered safe and stable from the aspect of void migration to surface for the approved scheme of development.

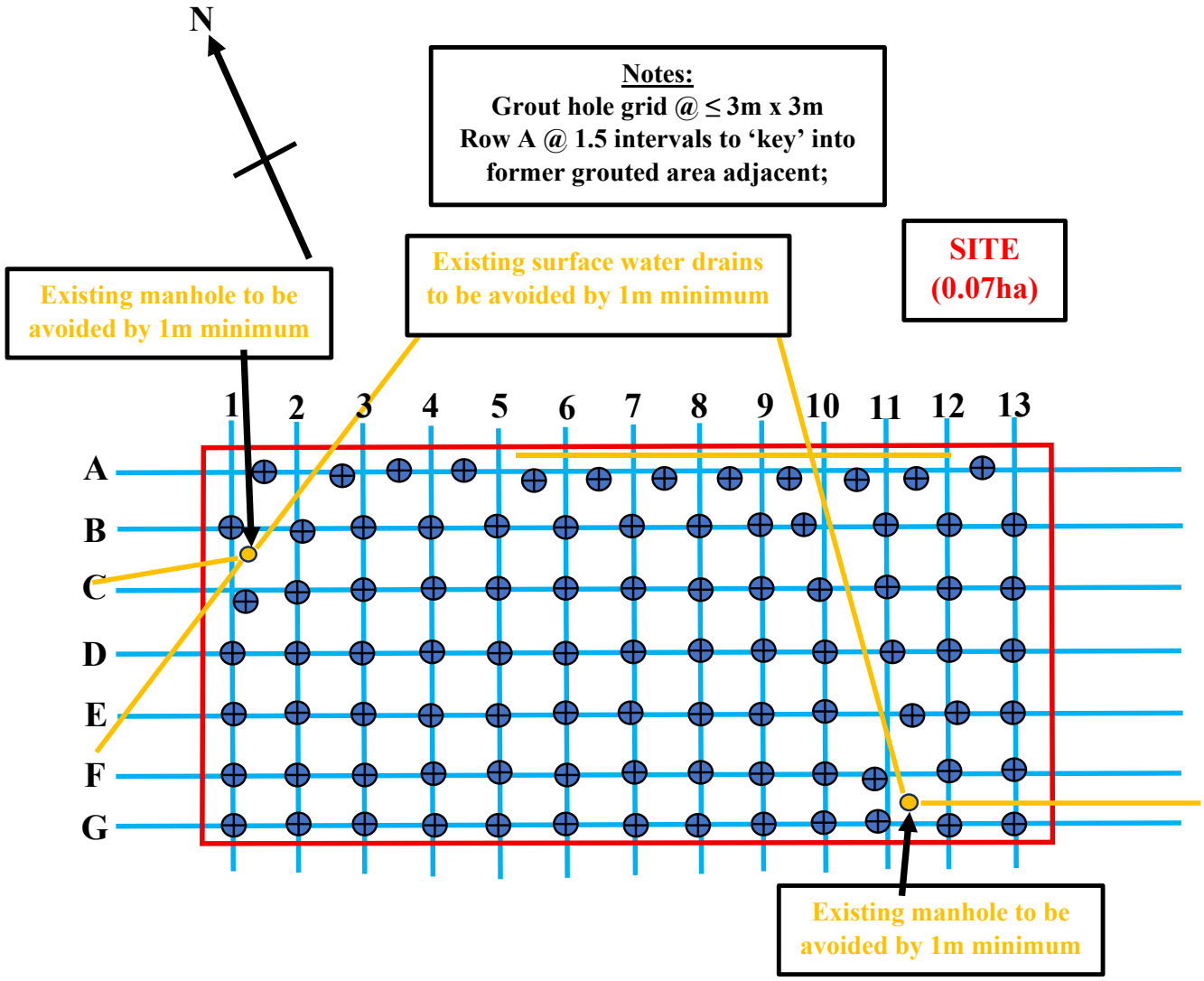
It should be noted however that grouted areas do not necessarily offer a compressive or consolidated solution that will discount slight residual settlements once becoming loaded. As such, it would be prudent that these details are presented to a structural engineer / foundation specialist to determine any specific foundation requirements. The 8m or so of firm natural mudstones above the coal seam/workings may of course be deemed adequate for the given foundation solution, but this would have to be confirmed by the appointed structural engineer/foundation specialist.

4 APPENDIX

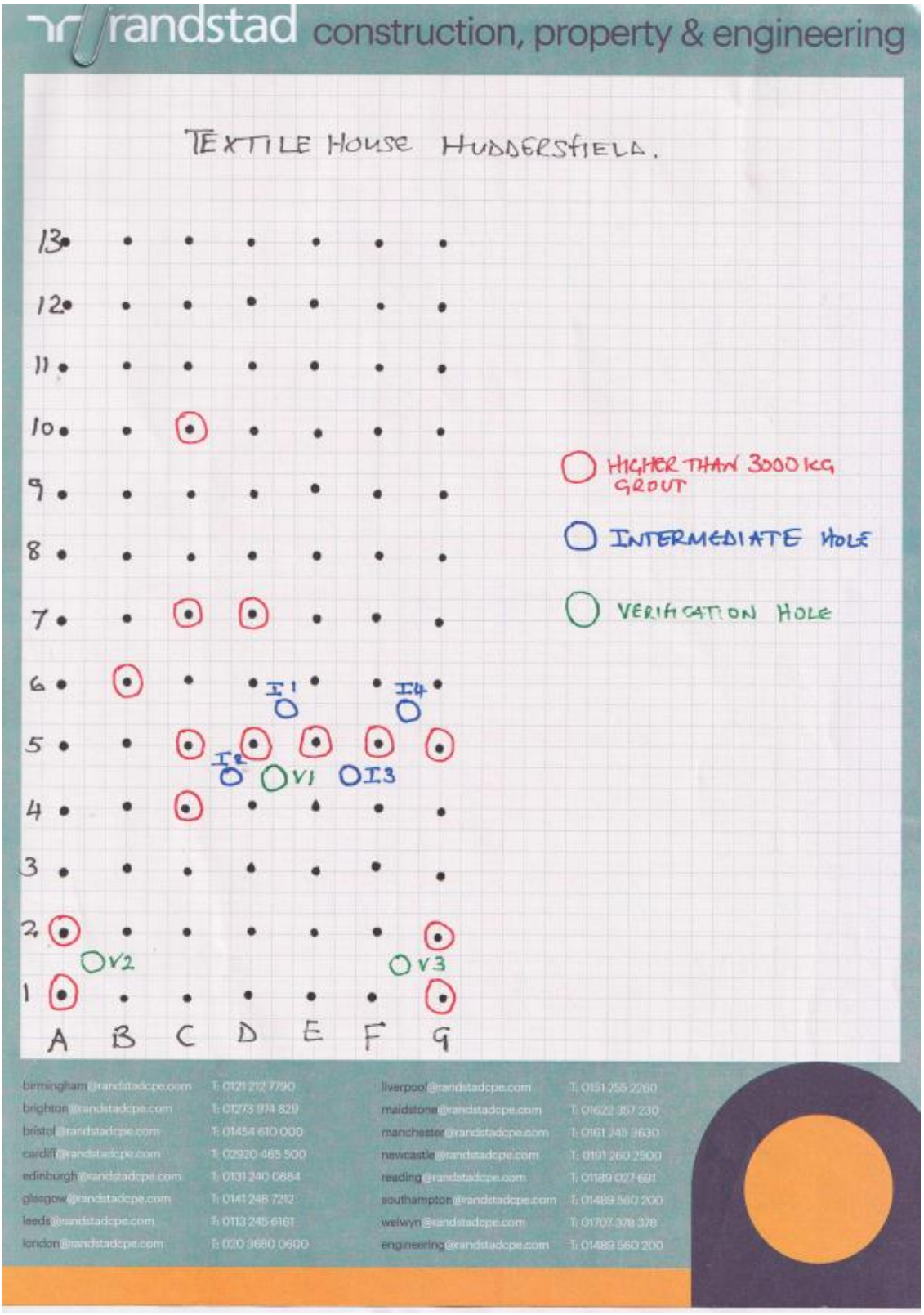
4.1 DRILLING & GROUTING LOCATION PLAN NO. 00372.3



4.2 DRILLING & GROUTING BOREHOLE PLAN NO. 00372.4



4.2 GROUT TAKE PLAN NO. 00372.5



4.3 DRILLING RECORDS

DAILY BOREHOLE LOG

SPURR Geotechnical LTD			Contract		Red Doles Lane	Date	19.11.25
			Client		Agro Smart Ltd	Job No	DG2047
HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION	RIG TYPE Hutte502-2	
B3	0	0.5		6	Tarmac with Limestone under	Crew	
	0.5	6			Sandy clay	R Lawson	
	6	14			Mudstone	H Jackson	
	14	14.7			Void		
	14.7	17			Firm Drilling		
B4	0	0.5		6	Tarmac with Limestone under	Weather	
	0.5	6			Sandy clay		
	6	14			Mudstone		
	14	14.7			Coal	Remarks	
	14.7	17			Mudstone	All holes drilled using water flush	
B5	0	0.5		6	Tarmac with Limestone under		
	0.5	6			Sandy clay		
	6	14			Mudstone		
	14	14.7			Coal		
	14.7	17			Mudstone		
B6	0	0.5		6	Tarmac with Limestone under		
	0.5	6			Sandy clay	Borehole Total	
	6	14			Mudstone	Today	8
	14	14.7			Void		
	14.7	17			Firm Drilling	Previous	0
B7	0	0.5		6	Tarmac with Limestone under	To Date	8
	0.5	6			Sandy clay		
	6	14			Mudstone	Drilled Total	
	14	14.7			Coal	Today	136
	14.7	17			Mudstone		
						Previous	0
B8	0	0.5		6	Tarmac with Limestone under		
	0.5	6			Sandy clay	To Date	136
	6	14			Mudstone		
	14	14.7			Coal	Casing Total	
	14.7	17			Mudstone	Today	48
B9	0	0.5		6	Tarmac with Limestone under	Previous	0
	0.5	6			Sandy clay		
	6	14			Mudstone	To Date	48
	14	14.7			Coal		
	14.7	17			Mudstone	Signed By SGL Rep	
B10	0	0.5		6	Tarmac with Limestone under		
	0.5	6			Sandy clay		
	6	14			Mudstone		
	14	14.7			Coal	Signed By Client	
	14.7	17			Mudstone		

DAILY BOREHOLE LOG

SPURR Geotechnical LTD			Contract		Red Doles Lane	Date	19.11.25
			Client		Agro Smart Ltd	Job No	DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
B11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
B12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
C12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			mudstone
C13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			mudstone

RIG TYPE Hutte502-2

Crew
R Lawson
H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	5
Previous	8
To Date	13

Drilled Total	
Today	85
Previous	136
To Date	221

Casing Total	
Today	30
Previous	48
To Date	78

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 20.11.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
C11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken ground
	14.7	17			Firm Drilling
C9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken ground
	14.7	17			Firm Drilling
C6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken ground
	14.7	17			Firm Drilling
C4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	13
To Date	21
Drilled Total	
Today	136
Previous	221
To Date	357
Casing Total	
Today	48
Previous	78
To Date	126

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 21.11.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
C3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
D4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			Firm Drilling
D6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
D7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			Firm Drilling
D8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
D9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	21
To Date	29

Drilled Total	
Today	136
Previous	357
To Date	493

Casing Total	
Today	48
Previous	126
To Date	174

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD		Contract		Red Doles Lane		Date	24.11.25
		Client		Agro Smart Ltd		Job No	DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
D10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
D12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
E13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
F13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			coal
	14.7	17			Firm Drilling
G13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
G12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	29
To Date	37

Drilled Total	
Today	136
Previous	493
To Date	629

Casing Total	
Today	48
Previous	174
To Date	222

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 25.11.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
F12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E12	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	37
To Date	45

Drilled Total	
Today	136
Previous	629
To Date	765

Casing Total	
Today	48
Previous	222
To Date	270

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 26.11.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
G9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	45
To Date	53

Drilled Total	
Today	136
Previous	765
To Date	901

Casing Total	
Today	48
Previous	270
To Date	318

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD

Contract: Red Doles Lane | Date: 27.11.25

Client: Agro Smart Ltd | Job No: DG2047

RIG TYPE: Hutte502-2

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
E7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
F6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			firm Drilling
F5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			VOID
	14.7	17			Mudstone
					firm Drilling
E5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			VOID
	14.7	17			firm Drilling
G4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	53
To Date	61

Drilled Total	
Today	136
Previous	901
To Date	1037

Casing Total	
Today	48
Previous	318
To Date	366

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD

Contract: Red Doles Lane

Client: Agro Smart Ltd

Date: 27.11.25

Job No: DG2047

RIG TYPE: Hutte502-2

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
F4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	3
Previous	61
To Date	64

Drilled Total	
Today	51
Previous	1037
To Date	1088

Casing Total	
Today	18
Previous	366
To Date	384

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD

Contract: Red Doles Lane | Date: 28.11.25

Client: Agro Smart Ltd | Job No: DG2047

RIG TYPE: Hutte502-2

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
F3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken ground
	14.7	17			Firm Drilling
F2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
E3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
G1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Firm Drilling
F1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	64
To Date	72

Drilled Total	
Today	136
Previous	1088
To Date	1224

Casing Total	
Today	48
Previous	384
To Date	432

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 28.11.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
E1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
D2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	3
Previous	72
To Date	75
Drilled Total	
Today	51
Previous	1224
To Date	1275
Casing Total	
Today	18
Previous	432
To Date	450

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 10.12.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
A11	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A10	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A9	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A8	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A7	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A6	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A5	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A4	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	8
Previous	75
To Date	83

Drilled Total	
Today	136
Previous	1275
To Date	1411

Casing Total	
Today	18
Previous	450
To Date	468

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 11.12.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
A3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
A2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			Mudstone
A1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Broken Ground
	14.7	17			Mudstone
B1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
B13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone
C13	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			Coal
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

Borehole Total	
Today	6
Previous	83
To Date	89

Drilled Total	
Today	102
Previous	1411
To Date	1513

Casing Total	
Today	36
Previous	468
To Date	504

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD					Contract	Red Doles Lane	Date 12.12.25
					Client	Agro Smart Ltd	Job No DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
I1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.2			Soft push lost returns
	14.7	17			Mudstone
I2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.2			Soft push lost returns
	14.7	17			Mudstone
I3	0	0.5			Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.2			VOID LOST RETURNS
	14.2	17			Mudstone
I4	0	0.5			Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.2			VOID LOST RETURNS
	14.2	17			Mudstone

RIG TYPE Hutte502-2

Crew

R Lawson

H Jackson

Weather

Remarks

All holes drilled using water flush

I = Intermediate hole

V = Verification hole

Borehole Total	
Today	4
Previous	89
To Date	93

Drilled Total	
Today	68
Previous	1513
To Date	1581

Casing Total	
Today	24
Previous	504
To Date	528

Signed By SGL Rep

Signed By Client

DAILY BOREHOLE LOG

SPURR Geotechnical LTD			Contract		Red Doles Lane	Date	17.12.25
			Client		Agro Smart Ltd	Job No	DG2047

HOLE No	FROM	TO	FUSH W/A/M	CASING T/S (M)	STRATA DESCRIPTION
V1	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			GROUT
	14.7	17			Mudstone
V2	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			GROUT
	14.7	17			Mudstone
V3	0	0.5		6	Tarmac with Limestone under
	0.5	6			Sandy clay
	6	14			Mudstone
	14	14.7			GROUT
	14.7	17			Mudstone

RIG TYPE Hutte502-2

Crew

RL

HJ

SS

Weather

Remarks

All holes drilled using water flush
V = Verification hole

Borehole Total	
Today	3
Previous	1581
To Date	1584

Drilled Total	
Today	51
Previous	1581
To Date	1632

Casing Total	
Today	18
Previous	528
To Date	546

Signed By SGL Rep

Signed By Client

4.4 GROUTING RECORDS

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	02.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
A12	FULL	200	20			220	SS	
B13	FULL	200	20			220	RL	
C13	FULL	200	20			220	HJ	
D13	FULL	200	20			220		
E13	FULL	200	20			220		
F13	FULL	200	20			220	CEMENT DELIVERIES (Kg)	
G13	FULL	200	20			220	DATE	26.11.25
G12	FULL	200	20			220	AMOUNT	2800
F12	FULL	200	20			220		
E12	FULL	200	20			220		
D12	FULL	200	20			220	PFA DELIVERIES (Kg)	
C12	FULL	200	20			220	DATE	02.12.25
B12	FULL	200	20			220	1st LOAD	28360
B11	FULL	200	20			220	2ND LOAD	
C11	FULL	200	20			220	3RD LOAD	
D11	FULL	200	20			220	4HT LOAD	
E11	FULL	200	20			220	5TH LOAD	
F11	FULL	200	20			220	TODAYS Total (Kg)	
G11	FULL	200	20			220	PFA	28360
G10	FULL	200	20			220	CEMENT	2800
F10	FULL	200	20			220		
E10	FULL	200	20			220	TESTING	
D10	FULL	200	20			220	BLEED	
C10	FULL	4500	450			4950	2hr	1.5%
B10	FULL	200	20			220	4hr	3.0%
B9	FULL	200	20			220	DATE	3.5%
C9	FULL	200	20			220		
D9	FULL	200	20			220		
E9	FULL	200	20			220	FLOW	MM
F9	FULL	200	20			220	AM	370
G9	FULL	200	20			220	PM	
G8	FULL	200	20			220		
F8	FULL	200	20			220	COMMENTS	
E8	FULL	200	20			220		
D8	FULL	200	20			220		
C8	FULL	200	20			220		
B8	FULL	200	20			220		
B7	FULL	200	20			220		
C7	FULL	5000	500			5500		
D7	FULL	5000	500			5500		
E7	FULL	200	20			220		
F7	FULL	200	20			220		
G7	FULL	200	20			220	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		22500	2250	0	0	24750	28360	2800
PREVIOUS TOTAL		0	0	0	0	0	0	0
RUNNING TOTAL		22500	2250	0	0	24750	28360	2800
						MATERIALS REMAINING ON SITE	5860	550

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	04.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
B6	FULL	500	50			550	SS	
C6	FULL	350	35			385	RL	
D6	FULL	200	20			220	HJ	
E6	FULL	200	20			220		
F6	FULL	200	20			220		
G6	FULL	200	20			220	CEMENT DELIVERIES (Kg)	
G5	NOT FULL	5000	500			5500	DATE	03.12.25
F5	NOT FULL	5000	500			5500	AMOUNT	2800
E5	NOT FULL	5000	500			5500		
D5	NOT FULL	5000	500			5500		
C5	NOT FULL	5000	500			5500	PFA DELIVERIES (Kg)	
			0			0	DATE	04.12.25
			0			0	1st LOAD	23500
			0			0	2ND LOAD	
			0			0	3RD LOAD	
			0			0	4HT LOAD	
			0			0	5TH LOAD	
			0			0	TODAYS Total (Kg)	
			0			0	PFA	23500
			0			0	CEMENT	2800
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.5%
			0			0	4hr	2.5%
			0			0	6hr	3.5%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	380
			0			0	PM	410
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		26650	2665	0	0	29315	23500	2800
PREVIOUS TOTAL		22500	2250	0	0	24750	28360	2800
RUNNING TOTAL		49150	4915	0	0	54065	51860	5600
						MATERIALS REMAINING ON SITE	2710	685

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	08.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
C5	NOT FULL	5000	500			5500	SS	
D5	NOT FULL	5000	500			5500	RL	
E5	NOT FULL	5000	500			5500	HJ	
F5	NOT FULL	5000	500			5500		
B4	FULL	200	20			220		
C4	NOT FULL	5000	500			5500	CEMENT DELIVERIES (Kg)	
G5	NOT FULL	5000	500			5500	DATE	04.12.25
			0			0	AMOUNT	2800
			0			0		
			0			0		
			0			0	PFA DELIVERIES (Kg)	
			0			0	DATE	05.12.25
			0			0	1st LOAD	28100
			0			0	2ND LOAD	
			0			0	3RD LOAD	
			0			0	4HT LOAD	
			0			0	5TH LOAD	
			0			0	TODAYS Total (Kg)	
			0			0	PFA	28100
			0			0	CEMENT	2800
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.0%
			0			0	4hr	2.5%
			0			0	6hr	4.0%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	370
			0			0	PM	
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		30200	3020	0	0	33220	28100	2800
PREVIOUS TOTAL		49150	4915	0	0	54065	51860	5600
RUNNING TOTAL		79350	7935	0	0	87285	79960	8400
MATERIALS REMAINING ON SITE							610	465

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	10.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
C5	NOT FULL	3500	350			3850	SS	
D5	NOT FULL	3500	350			3850	RL	
E5	NOT FULL	3500	350			3850	HJ	
F5	NOT FULL	3500	350			3850		
G5	NOT FULL	3500	350			3850		
B4	FULL	200	20			220	CEMENT DELIVERIES (Kg)	
C4	FULL	200	20			220	DATE	08.12.25
D4	FULL	200	20			220	AMOUNT	2800
E4	FULL	200	20			220		
F4	FULL	200	20			220		
G4	FULL	200	20			220	PFA DELIVERIES (Kg)	
B3	FULL	200	20			220	DATE	09.12.25
C3	FULL	200	20			220	1st LOAD	28760
D3	FULL	200	20			220	2ND LOAD	
E3	FULL	200	20			220	3RD LOAD	
F3	FULL	200	20			220	4HT LOAD	
G3	FULL	200	20			220	5TH LOAD	
A2	NOT FULL	1000	100			1100	TODAYS Total (Kg)	
B2	FULL	200	20			220	PFA	28760
C2	FULL	200	20			220	CEMENT	2800
D2	FULL	200	20			220		
E2	FULL	200	20			220	TESTING	
F2	FULL	200	20			220	BLEED	
G2	NOT FULL	3000	300			3300	2hr	1.0%
G1	NOT FULL	3000	300			3300	4hr	3.0%
F1	FULL	200	20			220	6hr	3.5%
E1	FULL	200	20			220		
D1	FULL	200	20			220		
			0			0	FLOW	MM
			0			0	AM	
			0			0	PM	410
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		28500	2850	0	0	31350	28760	2800
PREVIOUS TOTAL		79350	7935	0	0	87285	79960	8400
RUNNING TOTAL		107850	10785	0	0	118635	108720	11200
						MATERIALS REMAINING ON SITE	870	415

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	12.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
C5	NOT FULL	4000	400			4400	SS	
D5	NOT FULL	4000	400			4400	RL	
E5	NOT FULL	4000	400			4400	HJ	
F5	NOT FULL	4000	400			4400		
G1	NOT FULL	4000	400			4400		
A1	NOT FULL	4000	400			4400	CEMENT DELIVERIES (Kg)	
A2	NOT FULL	3000	300			3300	DATE	12.12.25
A3	FULL	200	20			220	AMOUNT	2800
A4	FULL	200	20			220		
A5	FULL	200	20			220		
A6	FULL	200	20			220	PFA DELIVERIES (Kg)	
A7	FULL	200	20			220	DATE	10.12.25
A8	FULL	200	20			220	1st LOAD	28520
A9	FULL	200	20			220	2ND LOAD	
A10	FULL	200	20			220	3RD LOAD	
A11	FULL	200	20			220	4HT LOAD	
B1	FULL	200	20			220	5TH LOAD	
C1	FULL	200	20			220	TODAYS Total (Kg)	
			0			0	PFA	28520
			0			0	CEMENT	2800
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.0%
			0			0	4hr	2.5%
			0			0	6hr	3.5%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	380
			0			0	PM	410
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		29200	2920	0	0	32120	28520	2800
PREVIOUS TOTAL		107850	10785	0	0	118635	108720	11200
RUNNING TOTAL		137050	13705	0	0	150755	137240	14000
							190	295

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	15.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
C5	NOT FULL	4000	400			4400	SS	
D5	NOT FULL	4000	400			4400	RL	
E5	NOT FULL	4000	400			4400	HJ	
F5	NOT FULL	3000	300			3300		
A1	NOT FULL	3000	300			3300		
A2	NOT FULL	3000	300			3300	CEMENT DELIVERIES (Kg)	
G1	NOT FULL	3000	300			3300	DATE	12.12.25
G2	NOT FULL	3000	300			3300	AMOUNT	2800
			0			0		
			0			0		
			0			0	PFA DELIVERIES (Kg)	
			0			0	DATE	12.12.25
			0			0	1st LOAD	28960
			0			0	2ND LOAD	
			0			0	3RD LOAD	
			0			0	4HT LOAD	
			0			0	5TH LOAD	
			0			0	TODAYS Total (Kg)	
			0			0	PFA	28960
			0			0	CEMENT	2800
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.5%
			0			0	4hr	3.0%
			0			0	6hr	4.0%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	400
			0			0	PM	
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		27000	2700	0	0	29700	28960	2800
PREVIOUS TOTAL		137050	13705	0	0	150755	137240	14000
RUNNING TOTAL		164050	16405	0	0	180455	166200	16800
						MATERIALS REMAINING ON SITE	2150	395

SPURR Geotechnical LTD

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	16.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
I1	FULL	1500	150			1650	SS	
I3	FULL	1000	100			1100	RL	
I4	FULL	1000	100			1100	HJ	
A1	FULL	3500	350			3850		
A2	NOT FULL	4500	450			4950		
G1	NOT FULL	4500	450			4950	CEMENT DELIVERIES (Kg)	
G2	FULL	4500	450			4950	DATE	15.12.25
C5	FULL	3000	300			3300	AMOUNT	2800
D5	FULL	1500	150			1650		
E5	FULL	2000	200			2200		
I2	FULL	200	20			220	PFA DELIVERIES (Kg)	
F5	FULL	200	20			220	DATE	16.12.25
			0			0	1st LOAD	28680
			0			0	2ND LOAD	
			0			0	3RD LOAD	
			0			0	4HT LOAD	
			0			0	5TH LOAD	
			0			0	TODAYS Total (Kg)	
			0			0	PFA	28680
			0			0	CEMENT	2800
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.0%
			0			0	4hr	2.0%
			0			0	6hr	3.5%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	
			0			0	PM	410
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		27400	2740	0	0	30140	28680	2800
PREVIOUS TOTAL		164050	16405	0	0	180455	166200	16800
RUNNING TOTAL		191450	19145	0	0	210595	194880	19600
MATERIALS REMAINING ON SITE							3430	455

SPURR GEOTECHNICAL LIMITED

DAILY GROUT RECORD

SITE	Textile House Huddersfield						DATE	17.12.25
BOREHOLE	STATUS	PFA	CEM	SAND	GRAVEL	GROUT	CREW	
A2	FULL	1500	150			1650	SS	
G1	FULL	1000	100			1100	RL	
V1	FULL	200	20			220	HJ	
V2	FULL	400	40			440		
V3	FULL	200	20			220		
			0			0	CEMENT DELIVERIES (Kg)	
			0			0	DATE	
			0			0	AMOUNT	0
			0			0		
			0			0		
			0			0	PFA DELIVERIES (Kg)	
			0			0	DATE	
			0			0	1st LOAD	0
			0			0	2ND LOAD	
			0			0	3RD LOAD	
			0			0	4HT LOAD	
			0			0	5TH LOAD	
			0			0	TODAYS Total (Kg)	
			0			0	PFA	0
			0			0	CEMENT	0
			0			0		
			0			0	TESTING	
			0			0	BLEED	
			0			0	2hr	1.0%
			0			0	4hr	3.0%
			0			0	6hr	4.0%
			0			0		
			0			0		
			0			0	FLOW	MM
			0			0	AM	370
			0			0	PM	390
			0			0		
			0			0	COMMENTS	
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0		
			0			0	TOTAL PFA	TOTAL CEM
TODAYS TOTAL		3300	330	0	0	3630	0	0
PREVIOUS TOTAL		191450	19145	0	0	210595	194880	19600
RUNNING TOTAL		194750	19475	0	0	214225	194880	19600
					MATERIALS DELIVERED		214480	
					MATERIALS USED		214225	
						MATERIALS REMAINING ON SITE	255	125

4.5 GROUT CUBES RECORDS

SOCOTEC UK Limited
Unit E Broadheath Network Centre
Atlantic Street, Broadheath
Altrincham
WA14 5EW, United Kingdom
Telephone: 01925 286220

Concrete Test Report

TESTREPORT

UKAS TESTING 0001

Project Details

Client:	Spurr Geotechnical Linited
Client Address:	82 Ollerton Road
	Retford
	DN22 7TH
Project:	P255914 - RED DOLES HUDDERSFIELD HD2 1YF

Report Details

Report No.:	CONC:NOR25-13474-C0001
Report Date:	19/12/2025
Issue No.:	1
Recipients:	Stephen Spurr

Field Details and Results

Location in Works: - Mix: 10:1 PFA/CEMENT

Fresh Concrete Sampling performed by third party and not covered under this laboratory's accreditation

Sample ID: NOR25-13474-C0001 Client Sample ID: NOR087001

Compressive Strength of test specimens (100 mm Cube)

Making and initial curing of specimens for strength tests performed by third party and not covered under this laboratory's accreditation

Date Made: 02/12/2025 Date and Time Received: 15/12/2025 15:49

Laboratory Test Methods: BS EN 12390-7 - 2019, BS EN 12390-1 - 2021, BS EN 12390-3 - 2019

Specimen ID	Client ID Specified	Age at Test (Days)	Test Date	Width/Depth/ Height (mm)	Density (kg/m³)	Failure Load (kN)	Compressive Strength (N/mm²)	Flexural Strength (N/mm²)
018419\A	A	16	18/12/2025	100/100/100	1250	14.5	1.4	
Mass Determination: As Received.								
018419\B	B	28	30/12/2025	—	—	—	—	

Notes

The following apply unless otherwise stated in specimen notes:
Laboratory curing tank temperature range (°C): 18 to 22.
Specimen appearance as received satisfactory.
Specimens transported within 16 hours of making are classified as deviating from the standard requirements.

BS EN 12390-7 - 2019
Hardened concrete density test carried out in saturated condition.
Volume determined by measurement or designated size. Any fins removed by abrasive stone.
BS EN 12390-3 - 2019
Specimen failure normal, specimen appearance normal.

Signed: Redacted

Paul Haddock - Project Manager
For and on behalf of SOCOTEC UK Limited

Signed Dat 19/12/2025

Certified that testing was carried out in accordance with the test methods identified herein. This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

The results relate to the item(s) tested only. Opinions and interpretations expressed herein are outside of the scope of our UKAS accreditation.

SOCOTEC UK Limited
Unit E Broadheath Network Centre
Atlantic Street, Broadheath
Altrincham
WA14 5EW, United Kingdom
Telephone: 01925 286220

Concrete Test Report

TESTREPORT

UKAS TESTING
0001

Project Details

Client:	Spurr Geotechnical Linited
Client Address:	*82 Ollerton Road*
	Retford
	DN22 7TH
Project:	P255914 - RED DOLES HUDDERSFIELD HD2 1YF

Report Details

Report No.:	*CONC:NOR25-13474-C0002*
Report Date:	*19/12/2025*
Issue No.:	*1*
Recipients:	*Stephen Spurr*

Field Details and Results

Location in Works: - Mix: *10:1 PFA/CEMENT*

Fresh Concrete Sampling performed by third party and not covered under this laboratory's accreditation

Sample ID: *NOR25-13474-C0002* Client Sample ID: *NOR087002*

Compressive Strength of test specimens (100 mm Cube)

Making and initial curing of specimens for strength tests performed by third party and not covered under this laboratory's accreditation

Date Made: *03/12/2025* Date and Time Received: *15/12/2025 15:50*

Laboratory Test Methods: *BS EN 12390-7 - 2019, BS EN 12390-1 - 2021, BS EN 12390-3 - 2019*

Specimen ID		Client ID Specified	Age at Test (Days)	Test Date	Width/Depth/ Height (mm)	Density (kg/m³)	Failure Load (kN)	Compressive Strength (N/mm²)	Flexural Strength (N/mm²)
018420\A	*A*	*15*		*18/12/2025*	*100/100/100*		*1240*	*9.8*	*1.0*
Mass Determination: As Received.									
018420\B	*B*	*28*		*31/12/2025*	—		—	—	—

Notes

The following apply unless otherwise stated in specimen notes:
Laboratory curing tank temperature range (°C): 18 to 22.
Specimen appearance as received satisfactory.
Specimens transported within 16 hours of making are classified as deviating from the standard requirements.

BS EN 12390-7 - 2019
Hardened concrete density test carried out in saturated condition.
Volume determined by measurement or designated size. Any fins removed by abrasive stone.
BS EN 12390-3 - 2019
Specimen failure normal, specimen appearance normal.

Signed: Redacted

Paul Haddock - Project Manager
For and on behalf of SOCOTEC UK Limited
Certified that testing was carried out in accordance with the test methods identified herein. This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Signed Dat
19/12/2025

The results relate to the item(s) tested only. Opinions and interpretations expressed herein are outside of the scope of our UKAS accreditation.

SOCOTEC UK Limited
Unit E Broadheath Network Centre
Atlantic Street, Broadheath
Altrincham
WA14 5EW, United Kingdom
Telephone: 01925 286220

Concrete Test Report

TESTREPORT

UKAS TESTING
0001

Project Details

Client:	Spurr Geotechnical Linited
Client Address:	*82 Ollerton Road*
	Retford
	DN22 7TH
Project:	P255914 - RED DOLES HUDDERSFIELD HD2 1YF

Report Details

Report No.:	*CONC:NOR25-13474-C0003*
Report Date:	*19/12/2025*
Issue No.:	*1*
Recipients:	*Stephen Spurr*

Field Details and Results

Location in Works: - Mix: *10:1 PFA/CEMENT*

Fresh Concrete Sampling performed by third party and not covered under this laboratory's accreditation

Sample ID: *NOR25-13474-C0003* Client Sample ID: *NOR087003*

Compressive Strength of test specimens (100 mm Cube)

Making and initial curing of specimens for strength tests performed by third party and not covered under this laboratory's accreditation

Date Made: *05/12/2025* Date and Time Received: *15/12/2025 15:50*

Laboratory Test Methods: *BS EN 12390-7 - 2019, BS EN 12390-1 - 2021, BS EN 12390-3 - 2019*

Specimen ID		Client ID Specified	Age at Test (Days)	Test Date	Width/Depth/ Height (mm)	Density (kg/m³)	Failure Load (kN)	Compressive Strength (N/mm²)	Strength (N/mm²)
018422\A	*A*	*13*		*18/12/2025*	*100/100/100*		*1270*	*10.1*	*1.0*
Mass Determination: As Received.									
018422\B	*B*	*28*		*02/01/2026*	—		—	—	—

Notes

The following apply unless otherwise stated in specimen notes:
Laboratory curing tank temperature range (°C): 18 to 22.
Specimen appearance as received satisfactory.
Specimens transported within 16 hours of making are classified as deviating from the standard requirements.

BS EN 12390-7 - 2019
Hardened concrete density test carried out in saturated condition.
Volume determined by measurement or designated size. Any fins removed by abrasive stone.
BS EN 12390-3 - 2019
Specimen failure normal, specimen appearance normal.

Signed: Redacted ul Haddock - Project Manager
r and on behalf of SOCOTEC UK Limited

Signed Dat *19/12/2025*

rtified that testing was carried out in accordance with the test methods identified herein. This t report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

The results relate to the item(s) tested only. Opinions and interpretations expressed herein are outside of the scope of our UKAS accreditation.

4.6 MINING REMEDIATION AUTHORITY PERMIT

Mining Remediation Authority

Permit to Enter or Disturb Mining Remediation Authority Interests

Permit 30595

Name and Address of Permit Holder:

Agrosmart Ltd
Unit 1C Victoria Court
Colliers Way, Clayton West
Huddersfield
HD8 9TR

Site Location:

Land at
Red Doles Lane
Huddersfield
HD2 1YF

This certificate hereby grants the above named Permit Holder a Permit to carry out:-

Treatment of shallow mine workings by drilling and grouting to 18m on 3m grid

within the Authority's interests at the identified site location above as shown on the Grant Permit Boundary (overleaf) for the period of **12 months** from the granted date shown below. *The granting of this Permit does not constitute advice given by the Authority in relation to the proposed operations. It is the Permit Holder's responsibility to obtain appropriate health, safety, environmental, technical and legal advice.*

Conditions:

- *Manned entry (i.e.) into mine entries/workings) is strictly prohibited.*
- *Water flush*
- *Gas Monitoring CO, CH_4, CO_2, O_2, H_2S at borehole and rig*
- *Operators undertaking the work must be in possession of this certificate and the Permit boundary plan at the time of works*
- *Appropriate borehole sealing without delay and to withstand site level changes*

Signed: Redacted Granted Date: ***5th November 2025***

For and on behalf of the Mining Remediation Authority

Nominated Representative: Amy McKenna, Permitting Manager;