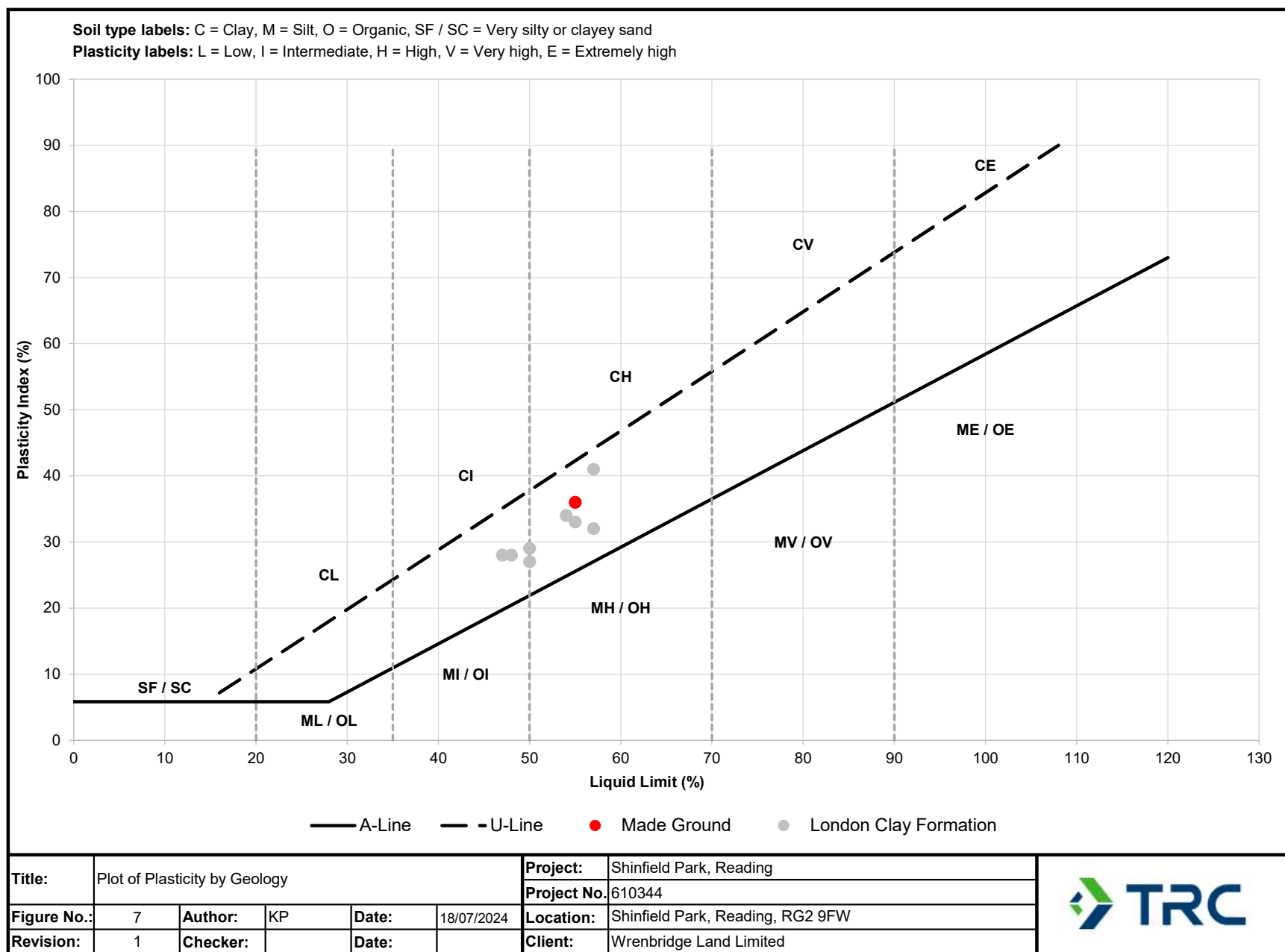
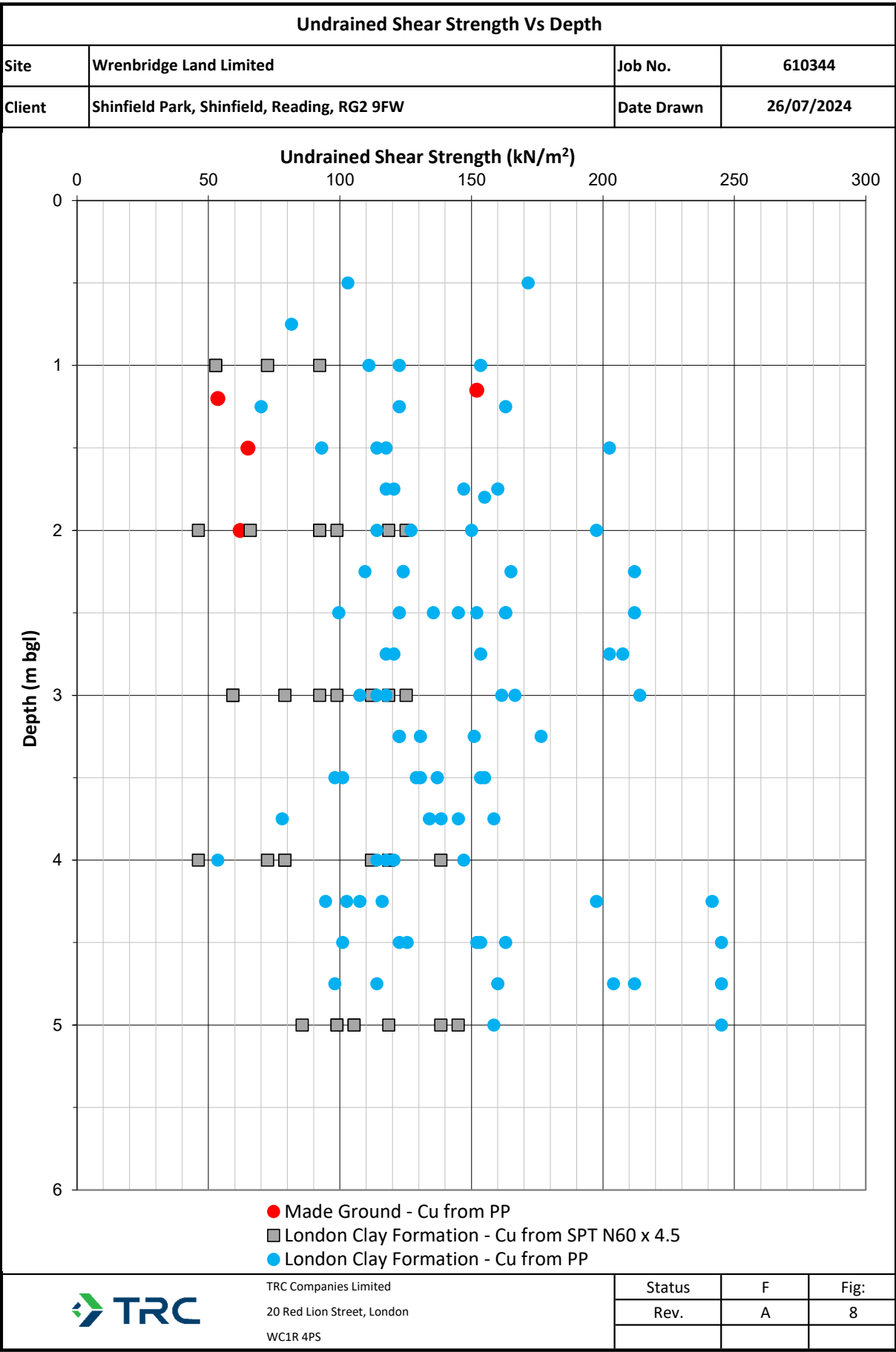








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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION

MAINTENANCE

DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTS, ENGINEERS' AND SERVICE ENGINEERS DRAWINGS & SPECIFICATIONS.

2. PROPOSED SITE LAYOUT IS BASED ON CHETWOODS ARCHITECTS LAYOUT 05016.

3. TOPOGRAPHY SURVEY PLAN IS BASED ON SURVEY SOLUTIONS DRAWING 67797BWLS 01-05 AND DEFRA 1m LIDAR DATA.

4. AN ASSUMPTION HAS BEEN MADE ON THE EXTENT OF THE BASEMENT FOR INITIAL CUT/FILL PURPOSES BUT IS TO BE CONFIRMED.

5. IT IS ASSUMED THAT A 150mm DEEP LAYER OF SURFACE MATERIAL WILL BE STRIPPED PRIOR TO THE COMMENCEMENT OF EARTHWORKS. ACTUAL DEPTH OF STRIP WILL VARY TO SUIT ACTUAL DEPTH OF MATERIAL. THIS WILL AFFECT FINAL EARTHWORKS VOLUMES.

6. THE FOLLOWING CONSTRUCTION BUILD UPS ARE ASSUMED FOR THE PURPOSES OF EARTHWORKS VOLUME CALCULATIONS. THESE BUILD UPS ARE NOT TO BE USED FOR PRICING PAVEMENT/SUB-BASE/CAPPING LAYERS. FOR ACTUAL DEPTHS OF PAVEMENT/SUB-BASE/CAPPING LAYERS REFER TO BURROWS GRAHAM PAVEMENT SPECIFICATION DRAWING.

7. BUILDINGS FOOTPRINT - 500mm
CONCRETE YARD - 500mm
CAR PARK - 500mm

8. NO ALLOWANCE HAS BEEN MADE FOR BULKING OF MATERIALS OR FOR USE OF ARISINGS FROM GROUND-WORKS (FOUNDATIONS, DRAINAGE ETC.)

9. ALL EARTHWORKS SLOPES ARE ASSUMED TO BE 1:3 FOR THE PURPOSES OF VOLUME CALCULATION ONLY AND THIS IS SUBJECT TO DETAILED GEOTECHNICAL ASSESSMENT PRIOR TO CONFIRMING FINAL LEVELS.

10. THE VOLUMES REPORTED ARE CALCULATED BY COMPARING THE FOLLOWING:
- EXISTING GROUND LEVELS AFTER TOPSOIL/SURFACE MATERIAL STRIP
- UNDERSIDE OF CONSTRUCTION BUILDING UP (FORMATION)

11. ALL VOLUMES STATED ON THIS DRAWING ARE BASED ON PRELIMINARY CALCULATIONS BY BURROWS GRAHAM AND SHOULD BE VERIFIED BY THE EARTHWORKS CONTRACTORS OWN CALCULATIONS/MODELLING.

Key:

Site Boundary

Existing Level

Depth of Cut/Fill

Strip Level

Formation Level

Precast Retaining Wall

P04	19/07/24	GL	UPDATED TO OPTION 16 LAYOUT	XX	
P03	15/07/24	GL	UPDATED TO OPTION 15 LAYOUT	XX	
P02	09/07/24	DV	OPTION 14 LAYOUT	XX	
P01	13/05/24	DV	FOR INFORMATION	XX	
REV	DATE	BY	DESCRIPTION		CHK'D

Burrows Graham

North Office:
5 Ambassador Place, Stockport Road,
Atrincham WA15 8DB
Tel: +44 (0)161 804 8046

South Office:
Buckland House, Dower Mews,
High Street, Berkhamsted HP4 2BL
Tel: +44 (0)1442 508 402

CIENT

WRENBRIDGE

PROJECT

SHINFIELD PARK
READING

DRAWING TITLE

PROPOSED EARTHWORKS
OPTION 16

OUR PROJECT NUMBER

40237

DRAWING STATUS

PRELIMINARY

OFFICE

SOUTH

SCALE @ A1

1:500

DATE

13/05/2024

DRAWN BY

DV

CHECKED BY

XX

DRAWING NO

40237-BGL-XX-XX-DR-C-00201

REV

P04

SURFACE LEVEL DATA				
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	VOLUME
1	-6.00	-5.00		7.147m3
2	-5.00	-4.00		469.078m3
3	-4.00	-3.00		4942.007m3
4	-3.00	-2.00		9290.816m3
5	-2.00	-1.00		11936.552m3
6	-1.00	0.00		19212.486m3
7	0.00	1.00		20384.188m3
8	1.00	2.00		17315.094m3
9	2.00	3.00		14920.016m3
10	3.00	4.00		5478.485m3
11	4.00	5.00		17.992m3

	Area m ²	Cut m ³	Fill m ³	Net m ³	
* Strip 100mm	46100	4610		-4610	Cut
Bulk Earthworks		43845	57266	13421	Fill
Arising - Drainage, Foundations, trenches etc.		4610		-4610	Cut
Total				8811	Fill

NOTE: Above analysis is based on topographic survey - basement outline to be reviewed

Annex B: Site Photographs

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
1	19/06/24 - 21/06/24		
Description			
WS101 - rig in position			

Photo No.	Date		
2	19/06/24 - 21/06/24		
Description			
WS101 - hand pit arisings			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
3	19/06/24 - 21/06/24		
Description WS101 - recovery from 1.2 to 2.0m bgl			

Photo No.	Date		
4	19/06/24 - 21/06/24		
Description WS101 - recovery from 2.0 to 3.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
5	19/06/24 - 21/06/24		
Description WS101 - recovery from 3.0 to 4.0m bgl			

Photo No.	Date		
6	19/06/24 - 21/06/24		
Description WS101 - recovery from 4.0 to 5.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
7	19/06/24 - 21/06/24		
Description			
WS102 - inspection pit arisings			

Photo No.	Date		
8	19/06/24 - 21/06/24		
Description			
WS102 - recovery from 1.2 to 2.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
9	19/06/24 - 21/06/24		
Description WS102 - recovery from 2.0 to 3.0m bgl			

Photo No.	Date		
10	19/06/24 - 21/06/24		
Description WS102 - recovery from 3.0 to 4.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
11	19/06/24 - 21/06/24		
Description WS110 - concrete core			

Photo No.	Date		
12	19/06/24 - 21/06/24		
Description WS102 - recovery from 4.0 to 5.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
13	19/06/24 - 21/06/24		
Description			
WS104 - inspection pit arisings			

Photo No.	Date		
14	19/06/24 - 21/06/24		
Description			
WS104 - recovery from 1.2 to 2.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
15	19/06/24 - 21/06/24		
Description WS104 - recovery from 2.0 to 3.0m bgl			

Photo No.	Date		
16	19/06/24 - 21/06/24		
Description WS104 - recovery from 3.0 to 4.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
17	19/06/24 - 21/06/24		
Description WS104 - recovery from 4.0 to 5.0m bgl			

Photo No.	Date		
18	19/06/24 - 21/06/24		
Description WS105 - inspection pit arisings			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
19	19/06/24 - 21/06/24		
Description WS105 - recovery from 1.2 to 2.0m bgl			

Photo No.	Date		
20	19/06/24 - 21/06/24		
Description WS105 - recovery from 2.0 to 3.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
21	19/06/24 - 21/06/24		
Description WS105 - recovery from 3.0 to 4.0m bgl			

Photo No.	Date		
22	19/06/24 - 21/06/24		
Description WS105 - recovery from 4.0 to 5.0m bgl			

Photograph Log

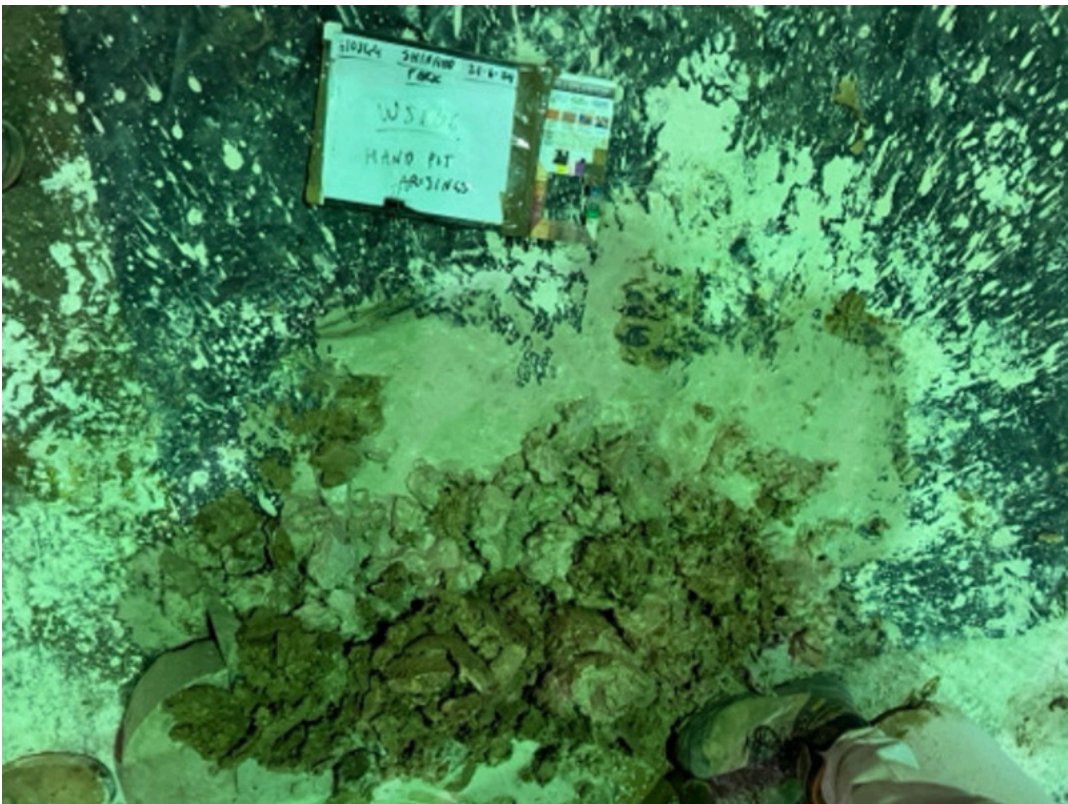
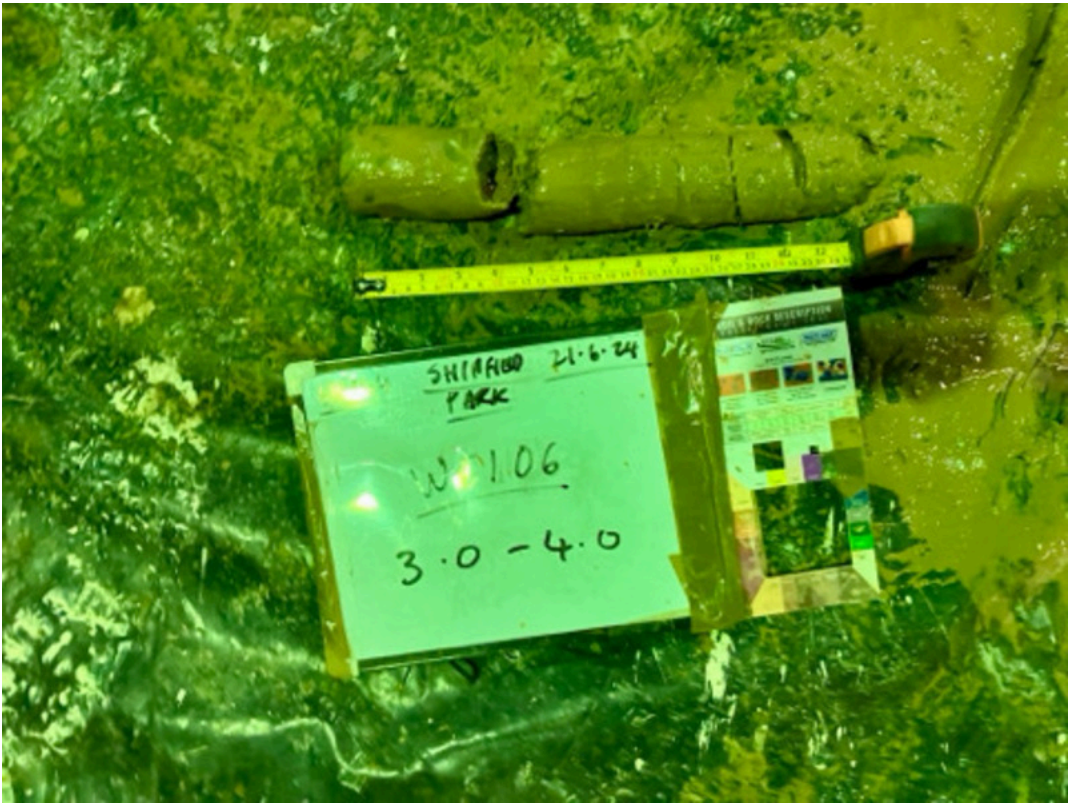
Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
23	19/06/24 - 21/06/24		
Description WS106 - inspection pit arisings			

Photo No.	Date		
24	19/06/24 - 21/06/24		
Description WS106 - recovery from 1.2 to 2.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
25	19/06/24 - 21/06/24		
Description WS106 - recovery from 2.0 to 3.0m bgl			

Photo No.	Date		
26	19/06/24 - 21/06/24		
Description WS106 - recovery from 3.0 to 4.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
27	19/06/24 - 21/06/24		
Description WS110 - bricks from pit			

Photo No.	Date		
28	19/06/24 - 21/06/24		
Description WS106 - recovery from 4.0 to 5.0m bgl			

Photograph Log

Client:		Site Location:	Project No.:
Wrenbridge		Shinfield Park, Reading	610344
Photo No.	Date		
29	19/06/24 - 21/06/24		
Description WS107 - inspection pit arisings			

Photo No.	Date		
30	19/06/24 - 21/06/24		
Description WS107 - recovery from 1.2 to 2.0m bgl			