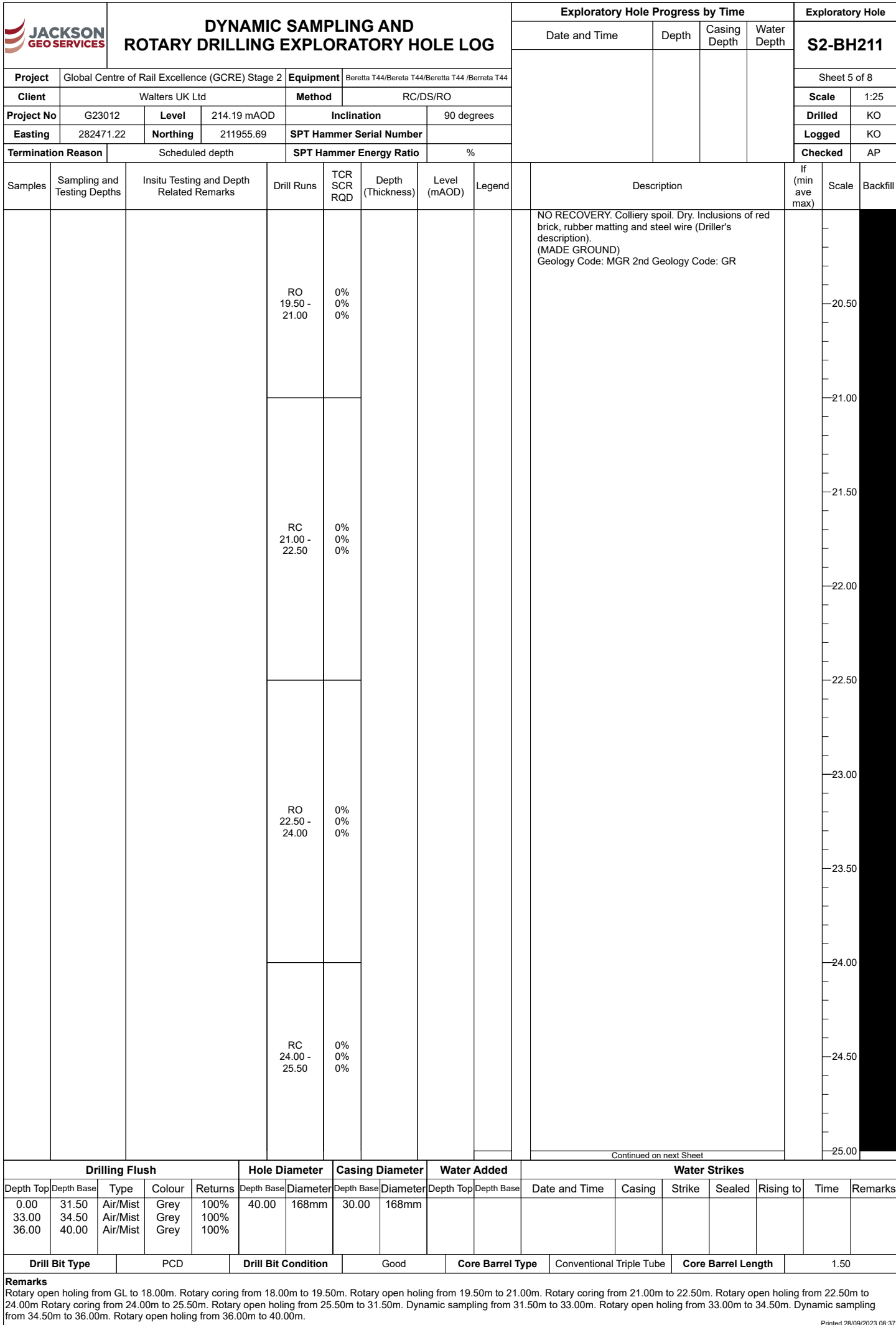
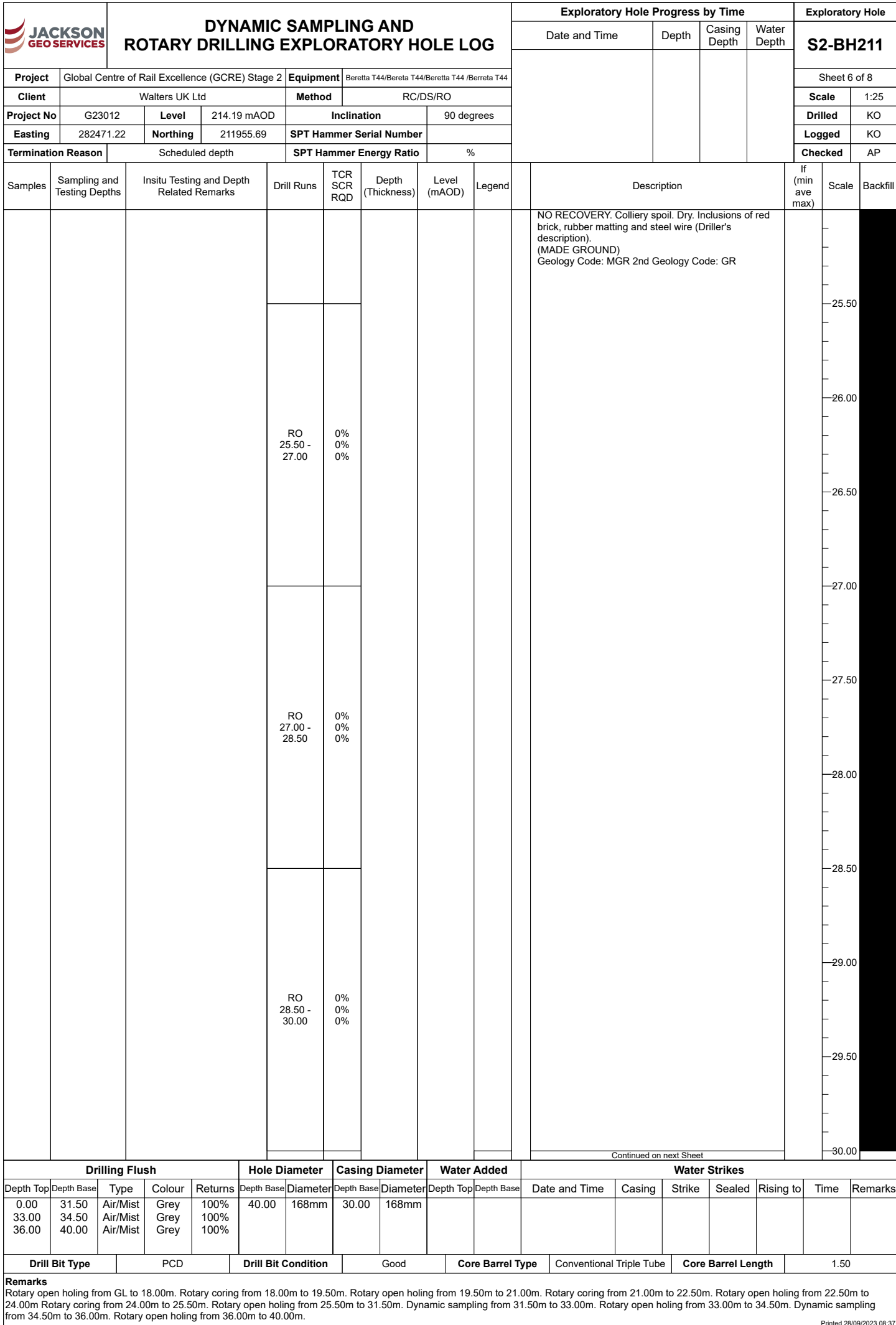






JACKSON

GEO SERVICES

DYNAMIC SAMPLING AND

ROTARY DRILLING EXPLORATORY HOLE LOG

Project

Global Centre of Rail Excellence (GCRE) Stage 2

Equipment

Beretta T44/Bereta T44/Beretta T44 /Berreta T44

Client

Walters UK Ltd

Method

RC/DS/RO

Project No

G23012

Level

214.19 mAOD

Inclination

90 degrees

Easting

282471.22

Northing

211955.69

SPT Hammer Serial Number

Termination Reason

Scheduled depth

SPT Hammer Energy Ratio

%

Date and Time

Depth

Casing Depth

Water Depth

Exploratory Hole

S2-BH211

Sheet 7 of 8

Scale

1:25

Drilled

KO

Logged

KO

Checked

AP

Samples

Sampling and Testing Depths

Insitu Testing and Depth Related Remarks

Drill Runs

TCR
SCR
RQD

Depth
(Thickness)

Level
(mAOD)

Legend

Description

NO RECOVERY. Colliery spoil. Dry. Inclusions of red brick, rubber matting and steel wire (Driller's description).
(MADE GROUND)
Geology Code: MGR 2nd Geology Code: GR

If
(min
ave
max)

Scale

Backfill

RO

30.00 - 31.50

0%
0%
0%

DS

31.50 - 33.00

0%
0%
0%

RO

33.00 - 34.50

0%
0%
0%

30.50

31.00

31.50

32.00

32.50

33.00

33.50

34.00

34.50

35.00

Continued on next Sheet

Drilling Flush

Hole Diameter

Casing Diameter

Water Added

Water Strikes

Depth Top

Depth Base

Type

Colour

Returns

Depth Base

Diameter

Depth Base

Diameter

Depth Top

Depth Base

Date and Time

Casing

Strike

Sealed

Rising to

Time

Remarks

0.00

31.50

Air/Mist

Grey

100%

40.00

168mm

30.00

168mm

33.00

34.50

Air/Mist

Grey

100%

36.00

40.00

Air/Mist

Grey

100%

Drill Bit Type

PCD

Drill Bit Condition

Good

Core Barrel Type

Conventional Triple Tube

Core Barrel Length

1.50

Remarks

Rotary open holing from GL to 18.00m. Rotary coring from 18.00m to 19.50m. Rotary open holing from 19.50m to 21.00m. Rotary coring from 21.00m to 22.50m. Rotary open holing from 22.50m to 24.00m Rotary coring from 24.00m to 25.50m. Rotary open holing from 25.50m to 31.50m. Dynamic sampling from 31.50m to 33.00m. Rotary open holing from 33.00m to 34.50m. Dynamic sampling from 34.50m to 36.00m. Rotary open holing from 36.00m to 40.00m.

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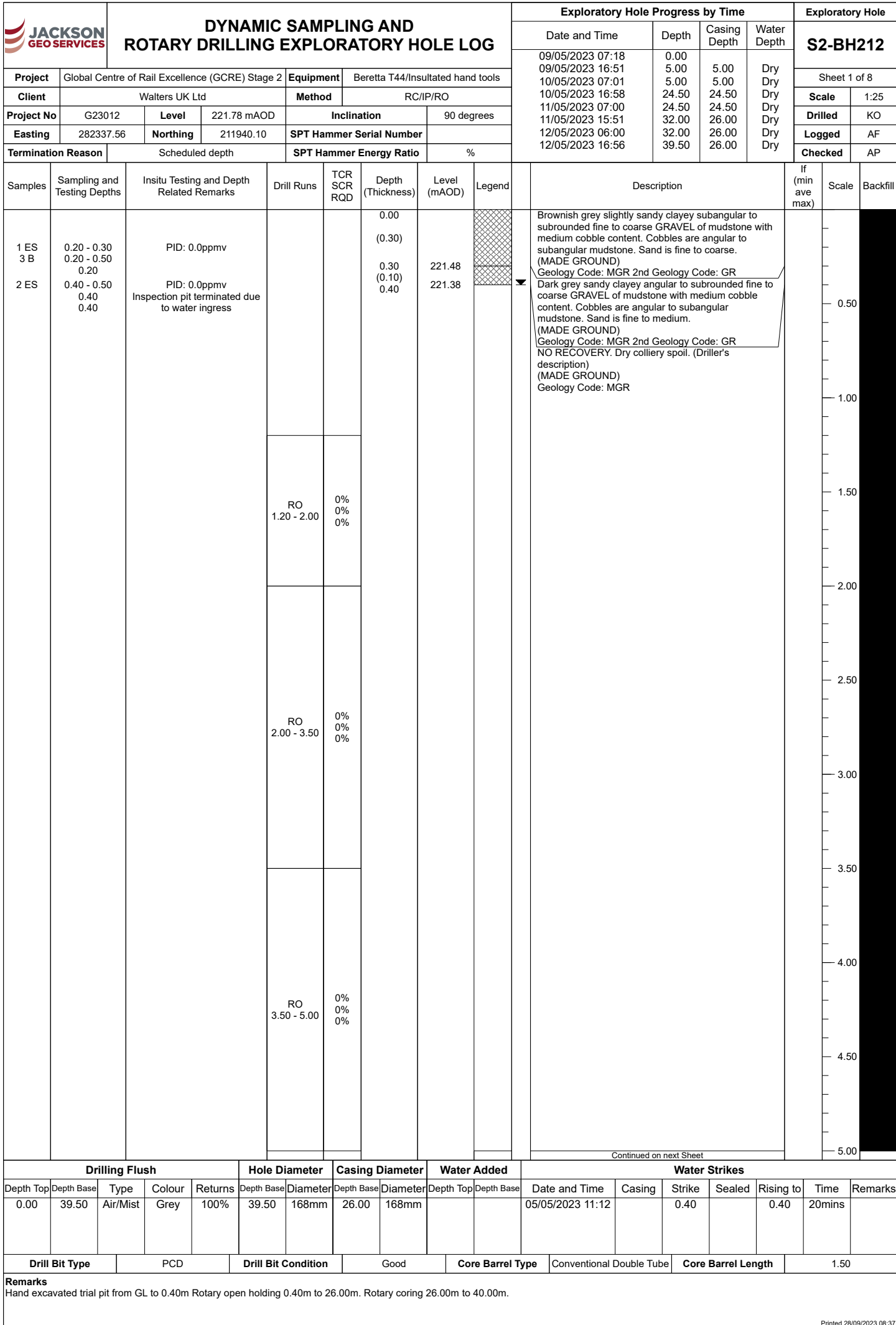
Remarks
 Rotary open holing from GL to 18.00m. Rotary coring from 18.00m to 19.50m. Rotary open holing from 19.50m to 21.00m. Rotary coring from 21.00m to 22.50m. Rotary open holing from 22.50m to 24.00m. Rotary coring from 24.00m to 25.50m. Rotary open holing from 25.50m to 31.50m. Dynamic sampling from 31.50m to 33.00m. Rotary open holing from 33.00m to 34.50m. Dynamic sampling from 34.50m to 36.00m. Rotary open holing from 36.00m to 40.00m.

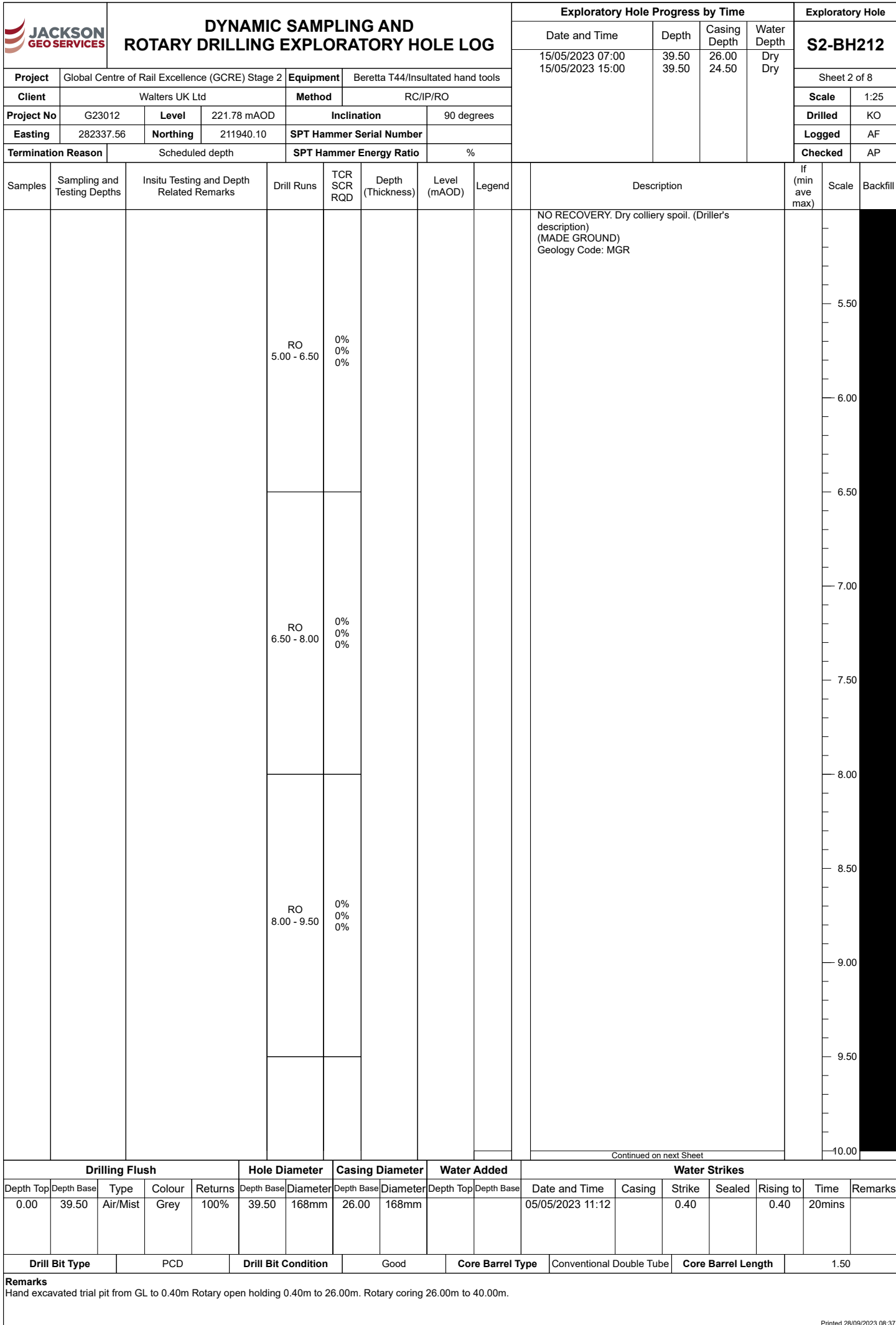
EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

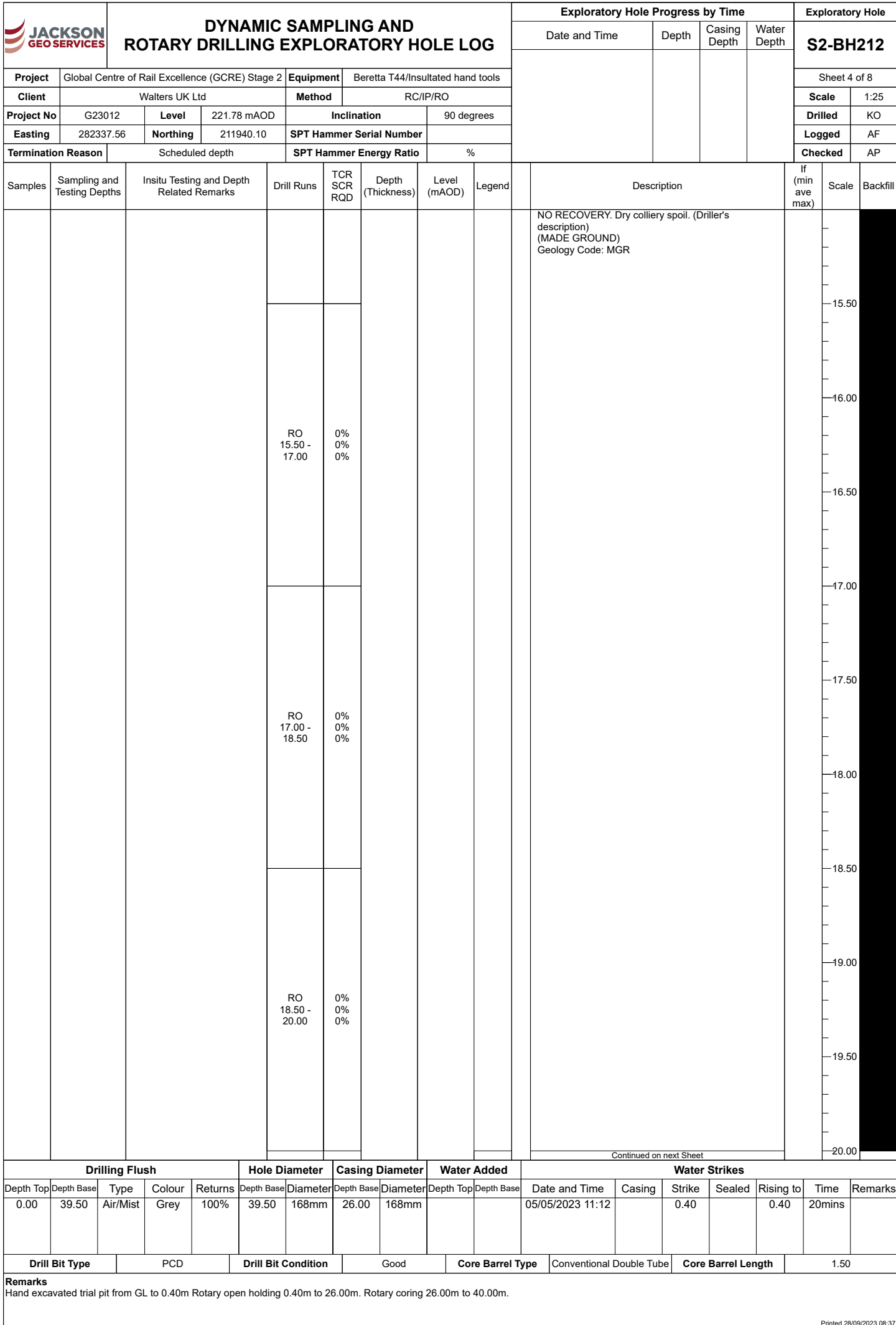
S2-BH211

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282471.22	Equipment	Beretta T44/Beretta T44/Beretta T44 / Beretta T44
Client	Walters UK Ltd	Northing	211955.69	Method	RC/DS/RO
Project No	G23012	Level	214.19 mAOD	Termination Reason	Scheduled depth





		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG										Exploratory Hole Progress by Time								Exploratory Hole								
												Date and Time				Depth		Casing Depth		Water Depth		S2-BH212						
Project		Global Centre of Rail Excellence (GCRE) Stage 2						Equipment		Beretta T44/Insultated hand tools						Sheet 3 of 8												
Client		Walters UK Ltd						Method		RC/IP/RO						Scale		1:25										
Project No		G23012		Level		221.78 mAOD		Inclination				90 degrees				Drilled		KO										
Easting		282337.56		Northing		211940.10		SPT Hammer Serial Number								Logged		AF										
Termination Reason		Scheduled depth						SPT Hammer Energy Ratio				%				Checked		AP										
Samples	Sampling and Testing Depths		Insitu Testing and Depth Related Remarks				Drill Runs		TCR SCR RQD		Depth (Thickness)		Level (mAOD)		Legend		Description				If (min ave max)		Scale		Backfill			
							RO 9.50 - 11.00		0% 0% 0%								NO RECOVERY. Dry colliery spoil. (Driller's description) (MADE GROUND) Geology Code: MGR											
							RO 11.00 - 12.50		0% 0% 0%																			
							RO 12.50 - 14.00		0% 0% 0%		(25.20)																	
							RO 14.00 - 15.50		0% 0% 0%																			
Continued on next Sheet																												
Drilling Flush										Hole Diameter		Casing Diameter		Water Added		Water Strikes												
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks											
0.00	39.50	Air/Mist	Grey	100%	39.50	168mm	26.00	168mm			05/05/2023 11:12		0.40		0.40	20mins												
Drill Bit Type		PCD			Drill Bit Condition			Good			Core Barrel Type		Conventional Double Tube			Core Barrel Length			1.50									
Remarks																												
Hand excavated trial pit from GL to 0.40m Rotary open holding 0.40m to 26.00m. Rotary coring 26.00m to 40.00m.																												
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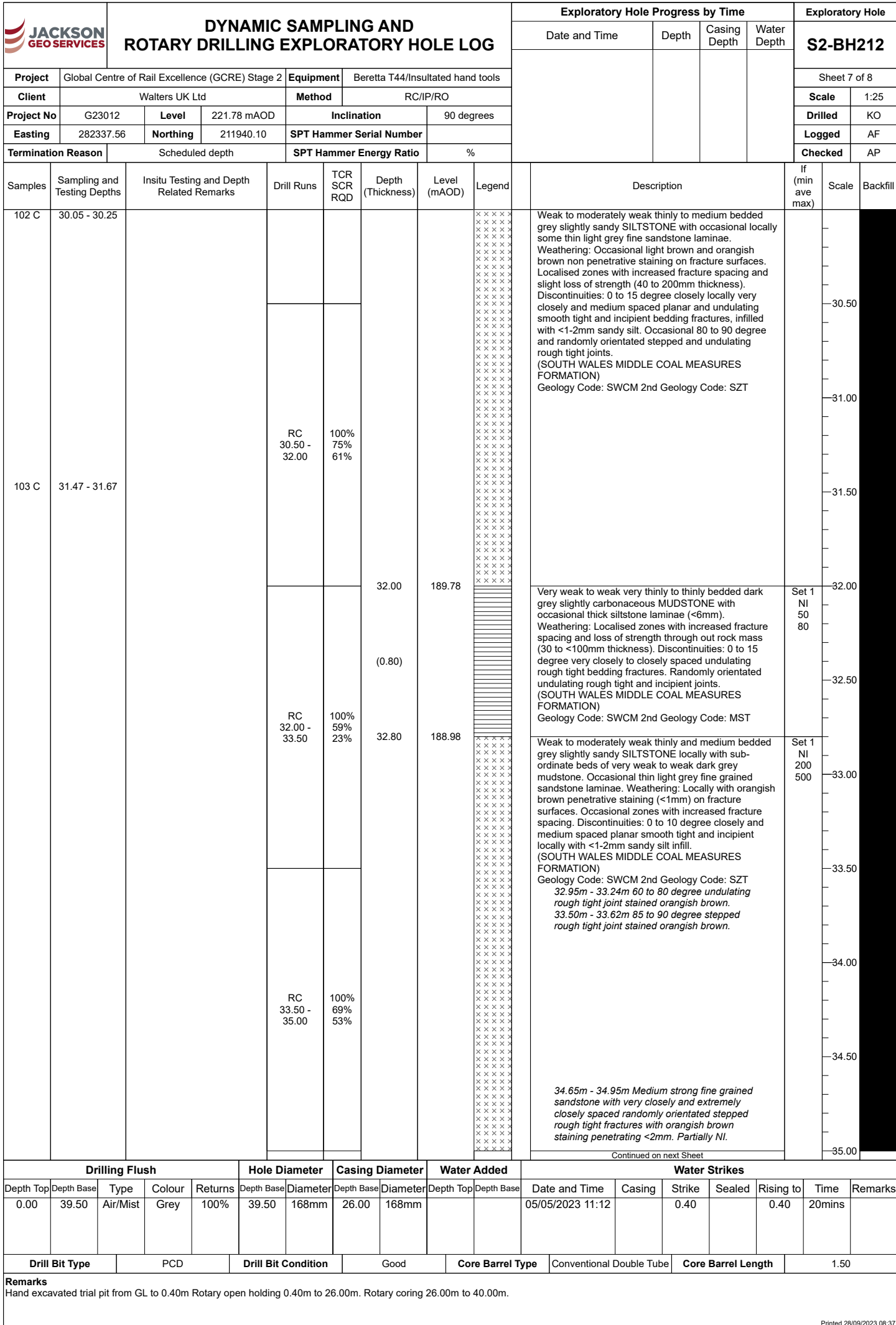
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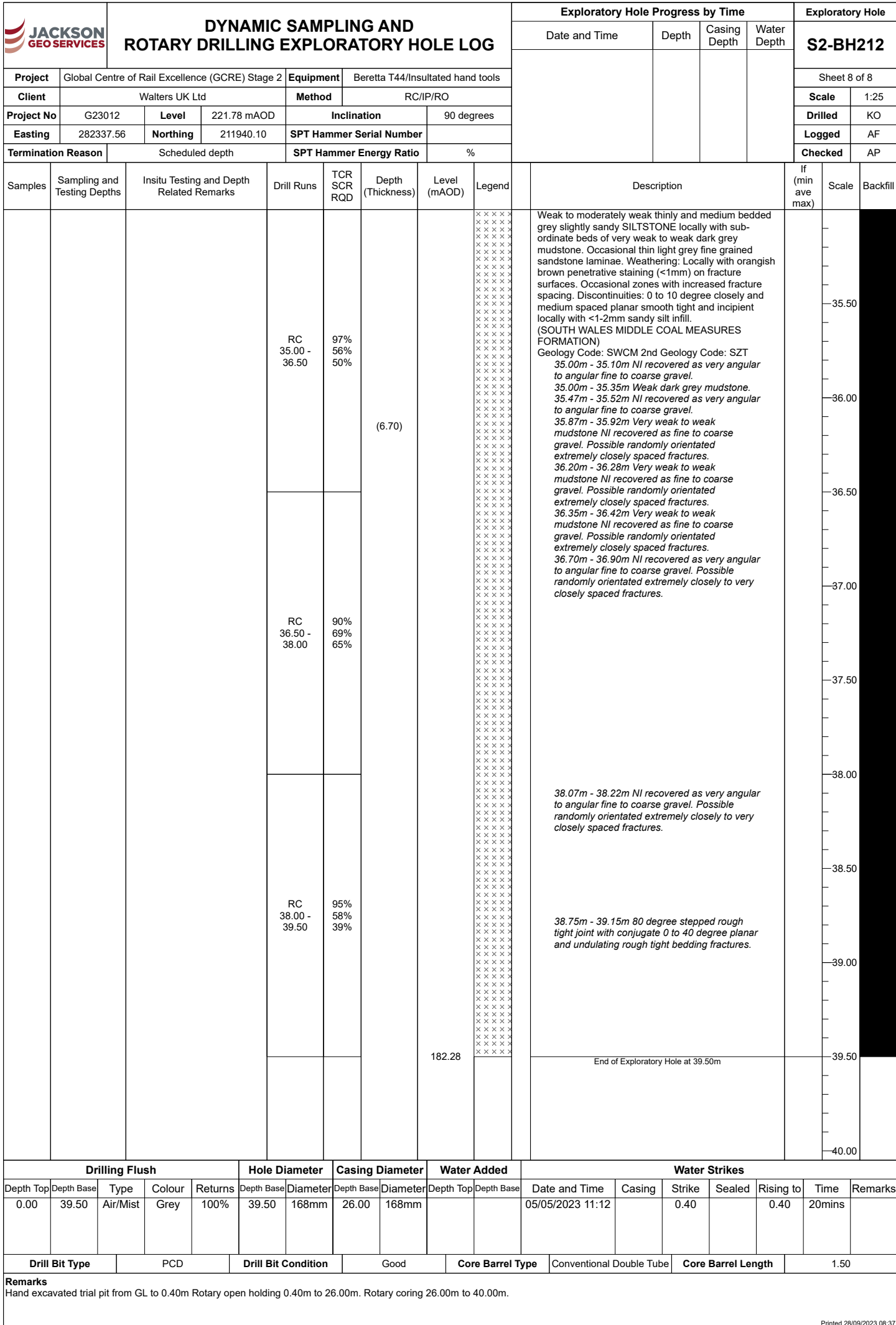


Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH212	
				Sheet 6 of 8	
				Scale	1:25
				Drilled	KO
				Logged	AF
				Checked	AP

Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes						
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks
0.00	39.50	Air/Mist	Grey	100%	39.50	168mm	26.00	168mm			05/05/2023 11:12		0.40		0.40	20mins	
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50			

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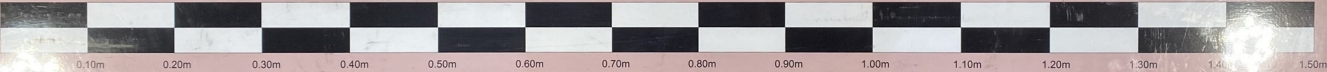
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH212
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282337.56	Equipment	Beretta T44/Insulated hand tools	Sheet 1 of 5
Client	Walters UK Ltd	Northing	211940.10	Method	RC/IP/RO	
Project No	G23012	Level	221.78 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	26.00 to 27.50	Engineer	A





26.00m

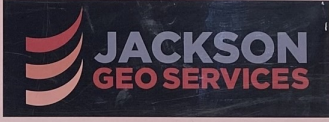
27.50m

29.00m

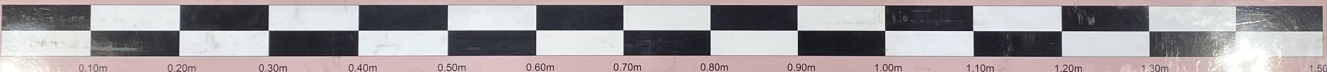
S2-BH212 26.00 m to 27.50 m

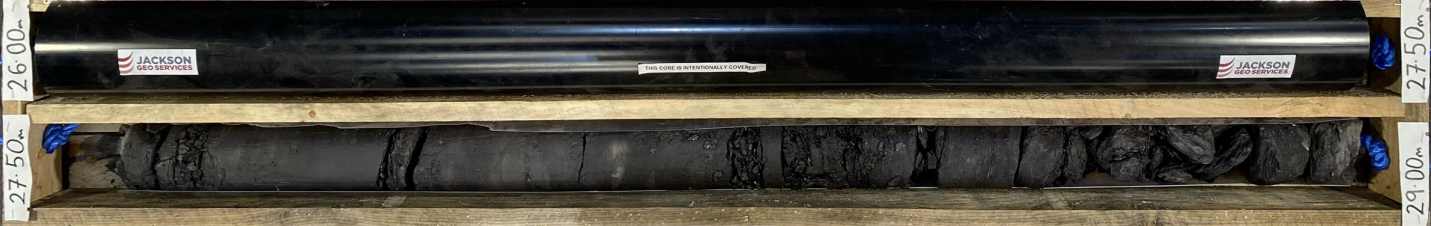
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	27.50 to 29.00	Engineer	RF





26.00m

27.50m

29.00m

S2-BH212 27.50 m to 29.00 m

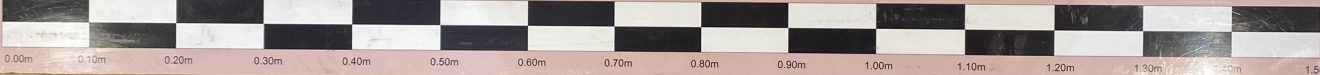
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						S2-BH212
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282337.56	Equipment	Beretta T44/Insulated hand tools	Sheet 2 of 5
Client	Walters UK Ltd	Northing	211940.10	Method	RC/IP/RO	
Project No	G23012	Level	221.78 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	2900 to 30.50	Engineer	RF

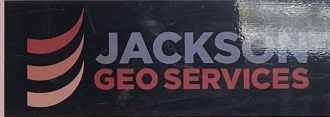




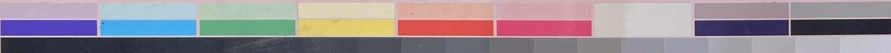
S2-BH212 29.00 m to 30.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	30.50 to 32.00	Engineer	RF



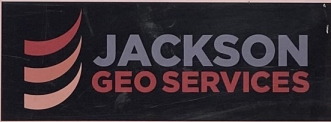


S2-BH212 30.50 m to 32.00 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH212
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282337.56	Equipment	Beretta T44/Insultated hand tools	Sheet 3 of 5
Client	Walters UK Ltd	Northing	211940.10	Method	RC/IP/RO	
Project No	G23012	Level	221.78 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	3200 to 3350	Engineer	RF

0.00m0.10m0.20m0.30m0.40m0.50m0.60m0.70m0.80m0.90m1.00m1.10m1.20m1.30m1.50m

32.00m

33.50m

33.50m

35.00m

S2-BH212 32.00 m to 33.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	3350 to 3500	Engineer	RF

0.00m0.10m0.20m0.30m0.40m0.50m0.60m0.70m0.80m0.90m1.00m1.10m1.20m1.30m1.50m

32.00m

33.50m

33.50m

35.00m

S2-BH212 33.50 m to 35.00 m

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		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH212
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282337.56	Equipment	Beretta T44/Insulated hand tools	Sheet 4 of 5
Client	Walters UK Ltd	Northing	211940.10	Method	RC/IP/RO	
Project No	G23012	Level	221.78 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	35.00 to 36.50	Engineer	RF

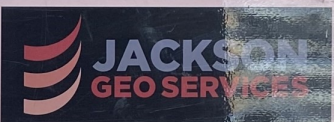




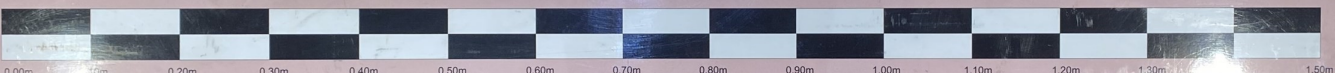
S2-BH212 35.00 m to 36.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	16 MAY 2023
Exploratory Hole Number	S2-BH212	Box / Face Number	
Depth (m) from	36.50 to 38.00	Engineer	RF





S2-BH212 36.50 m to 38.00 m

EXPLORATORY HOLE PHOTOGRAPHS

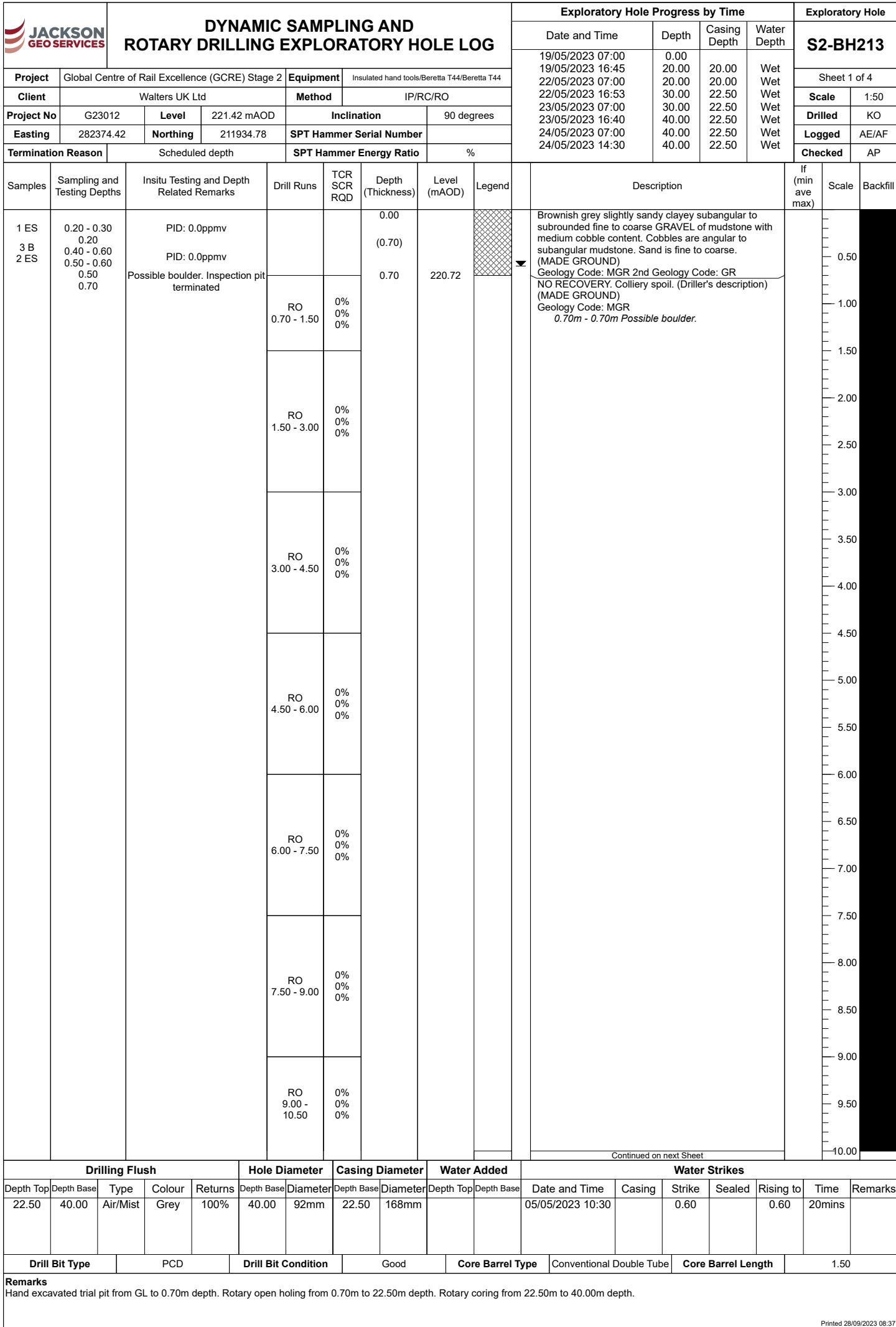
Exploratory Hole

S2-BH212

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282337.56	Equipment	Beretta T44/Insulated hand tools	Sheet 5 of 5
Client	Walters UK Ltd	Northing	211940.10	Method	RC/IP/RO	
Project No	G23012	Level	221.78 mAOD	Termination Reason	Scheduled depth	

A photograph of a geological core sample in a wooden box. The core is dark and cylindrical, with a white label on the left indicating a depth of 38.00m. Above the core is a color calibration chart and a scale bar from 0.00m to 1.50m. A pink label at the top contains project details for 'GCRE STAGE 2' and 'WALTERS GROUP'. The label also includes contact information for Jackson Geoservices and a logo.

S2-BH212 38.00 m to 39.50 m



		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG										Exploratory Hole Progress by Time							Exploratory Hole	
												Date and Time			Depth	Casing Depth	Water Depth	S2-BH213		
Project		Global Centre of Rail Excellence (GCRE) Stage 2					Equipment		Insulated hand tools/Beretta T44/Beretta T44					Sheet 2 of 4						
Client		Walters UK Ltd					Method		IP/RC/RO					Scale	1:50					
Project No		G23012		Level		221.42 mAOD		Inclination			90 degrees			Drilled	KO					
Easting		282374.42		Northing		211934.78		SPT Hammer Serial Number						Logged	AE/AF					
Termination Reason		Scheduled depth					SPT Hammer Energy Ratio			%			Checked	AP						
Samples	Sampling and Testing Depths	Insitu Testing and Depth Related Remarks					Drill Runs	TCR SCR RQD	Depth (Thickness)	Level (mAOD)	Legend	Description			If (min ave max)	Scale	Backfill			
												NO RECOVERY. Colliery spoil. (Driller's description) (MADE GROUND) Geology Code: MGR								
																10.50				
							RO 10.50 - 12.00	0% 0% 0%								11.00				
									(21.80)							11.50				
																12.00				
							RO 12.00 - 13.50	0% 0% 0%								12.50				
																13.00				
																13.50				
							RO 13.50 - 15.00	0% 0% 0%								14.00				
																14.50				
																15.00				
																15.50				
							RO 15.00 - 16.50	0% 0% 0%								16.00				
																16.50				
																17.00				
							RO 16.50 - 18.00	0% 0% 0%								17.50				
																18.00				
																18.50				
							RO 18.00 - 19.50	0% 0% 0%								19.00				
																19.50				
																20.00				
Continued on next Sheet																				
Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes									
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks			
22.50	40.00	Air/Mist	Grey	100%	40.00	92mm	22.50	168mm			05/05/2023 10:30		0.60		0.60	20mins				
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50						
Remarks Hand excavated trial pit from GL to 0.70m depth. Rotary open holing from 0.70m to 22.50m depth. Rotary coring from 22.50m to 40.00m depth.																				
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		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth

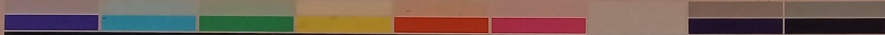
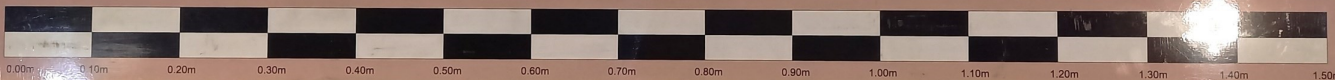
Sheet 1 of 7

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Telephone: 02920 099 769



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	2250 to 2350	Engineer	A

2250m

2350m

2500m

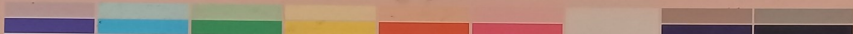
S2-BH213 22.50 m to 23.50 m

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Pontyclun, CF72 8QZ

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Telephone: 02920 099 769



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	2350 to 2500	Engineer	A



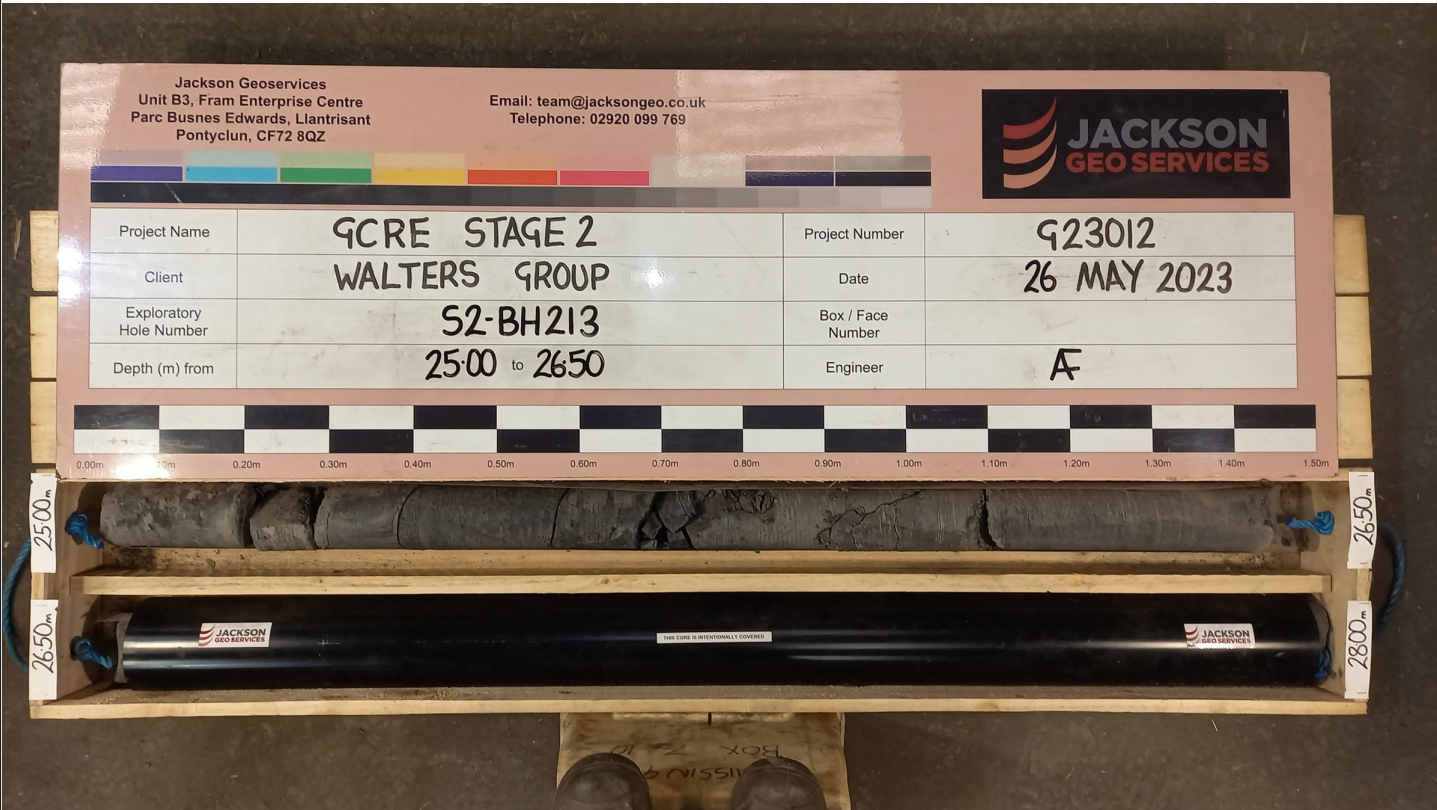

2250m

2350m

2500m

S2-BH213 23.50 m to 25.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth
					Sheet 2 of 7



S2-BH213 25.00 m to 26.50 m



S2-BH213 26.50 m to 28.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth

Sheet 3 of 7

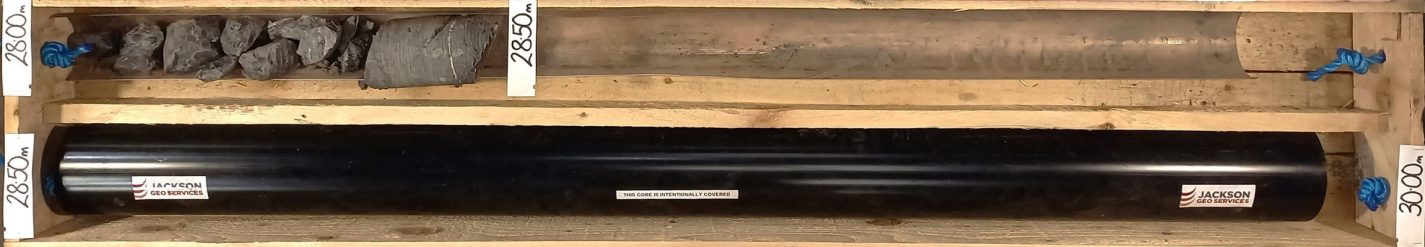
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Email: team@jacksongeo.co.uk
Telephone: 02920 099 769



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	28.00 to 28.50	Engineer	A





28.00m

28.50m

30.00m

S2-BH213 28.00 m to 28.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	28.50 to 30.00	Engineer	A





28.00m

28.50m

30.00m

S2-BH213 28.50 m to 30.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth

Sheet 4 of 7

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	30.00 to 31.50	Engineer	A




30.00m



31.50m

31.50m

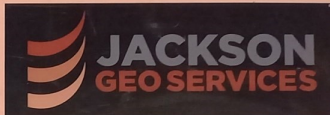


33.00m

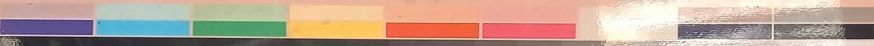
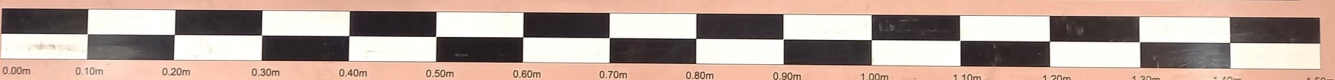
S2-BH213 30.00 m to 31.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	31.50 to 33.00	Engineer	A

30.00m



31.50m

31.50m

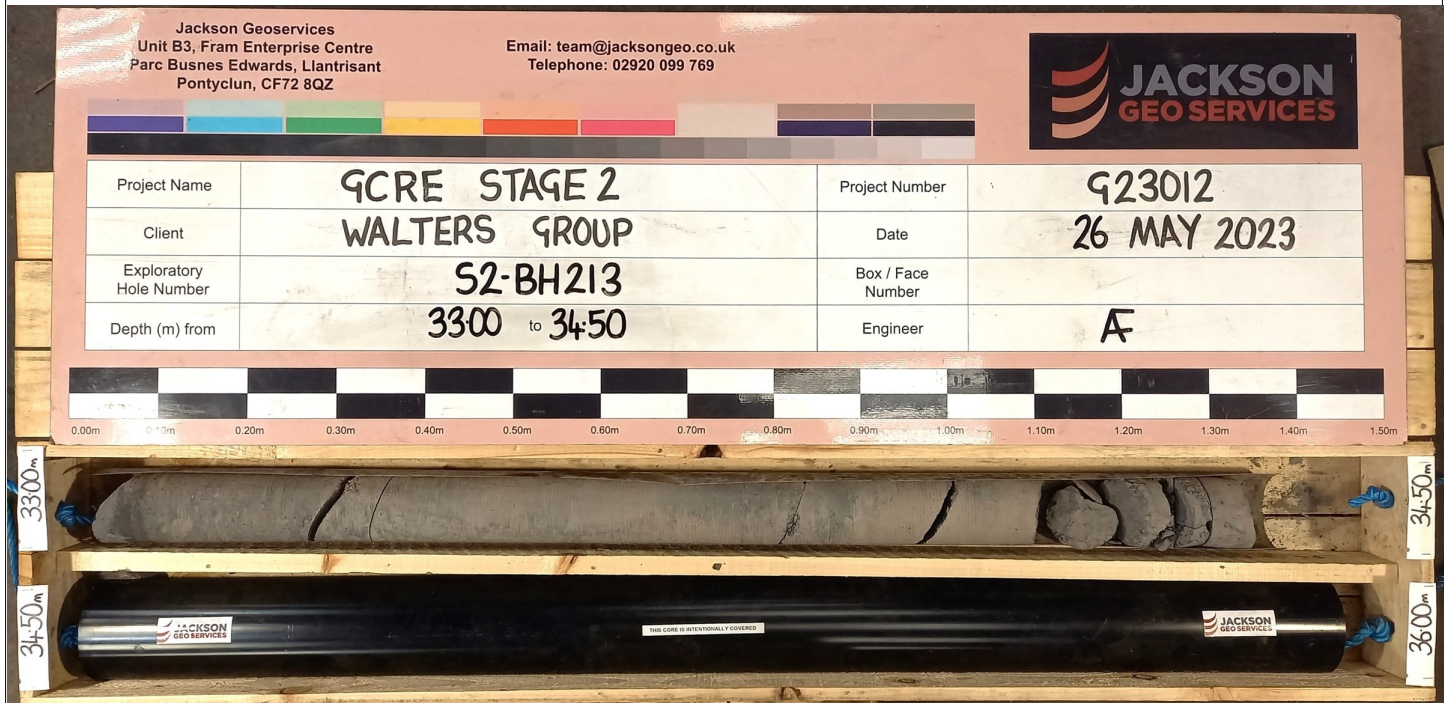


33.00m

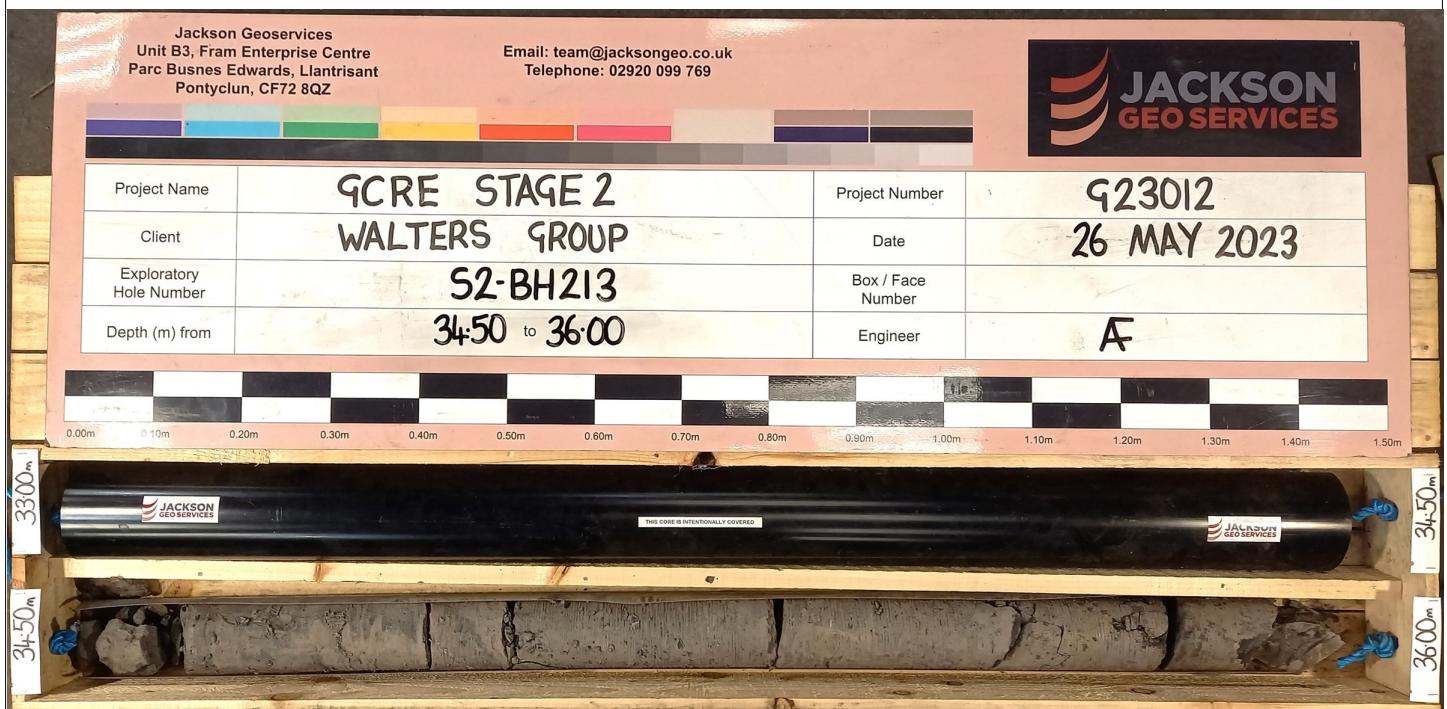
S2-BH213 31.50 m to 33.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth

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S2-BH213 33.00 m to 34.50 m



S2-BH213 34.50 m to 36.00 m

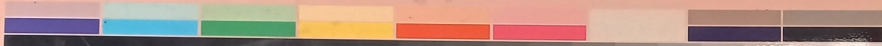
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH213
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44	Sheet 6 of 7
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO	
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	3600 to 3750	Engineer	A






S2-BH213 36.00 m to 37.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	3750 to 3900	Engineer	A






S2-BH213 37.50 m to 39.00 m

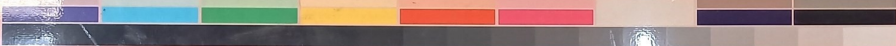
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH213
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282374.42	Equipment	Insulated hand tools/Beretta T44/Beretta T44	Sheet 7 of 7
Client	Walters UK Ltd	Northing	211934.78	Method	IP/RC/RO	
Project No	G23012	Level	221.42 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	26 MAY 2023
Exploratory Hole Number	S2-BH213	Box / Face Number	
Depth (m) from	39.00 to 40.00	Engineer	A






S2-BH213 39.00 m to 40.00 m

JACKSON GEO SERVICES		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG						Exploratory Hole Progress by Time				Exploratory Hole					
								Date and Time		Depth	Casing Depth	Water Depth	S2-BH214				
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Beretta T44				Sheet 2 of 8					
Client		Walters UK Ltd				Method		IP/RO/RC				Scale	1:25				
Project No		G23012		Level		222.21 mAOD		Inclination		90 degrees		Drilled	KO				
Easting		282392.04		Northing		211929.31		SPT Hammer Serial Number				Logged	AF				
Termination Reason		Scheduled depth				SPT Hammer Energy Ratio		%				Checked	AP				
Samples	Sampling and Testing Depths	Insitu Testing and Depth Related Remarks				Drill Runs	TCR SCR RQD	Depth (Thickness)	Level (mAOD)	Legend	Description	If (min ave max)	Scale	Backfill			
						RO 4.50 - 6.00	0% 0% 0%				NO RECOVERY. Dry colliery spoil. (Driller's description) (MADE GROUND) Geology Code: MGR						
						RO 6.00 - 7.50	0% 0% 0%										
						RO 7.50 - 9.00	0% 0% 0%										
						RO 9.00 - 10.50	0% 0% 0%										
								(17.30)									
Continued on next Sheet																	
Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes						
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks
0.00	33.50	Air/Mist	Dark grey	100%	40.00	92mm	19.00	168mm									
33.50	40.00	Air/Mist	N/A	0%													
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50		
Remarks																	
Hand excavated trial pit from GL to 1.20m. Rotary open holing from 1.20m to 19.00m depth. Rotary coring from 19.00m to 40.00m depth.																	
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		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG						Exploratory Hole Progress by Time				Exploratory Hole					
								Date and Time		Depth	Casing Depth	Water Depth	S2-BH214				
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Beretta T44				Sheet 3 of 8					
Client		Walters UK Ltd				Method		IP/RO/RC				Scale 1:25					
Project No		G23012		Level		222.21 mAOD		Inclination		90 degrees		Drilled KO					
Easting		282392.04		Northing		211929.31		SPT Hammer Serial Number				Logged AF					
Termination Reason		Scheduled depth				SPT Hammer Energy Ratio		%				Checked AP					
Samples	Sampling and Testing Depths	Insitu Testing and Depth Related Remarks				Drill Runs	TCR SCR RQD	Depth (Thickness)	Level (mAOD)	Legend	Description		If (min ave max)	Scale	Backfill		
											NO RECOVERY. Dry colliery spoil. (Driller's description) (MADE GROUND) Geology Code: MGR						
						RO 10.50 - 12.00	0% 0% 0%										
						RO 12.00 - 13.50	0% 0% 0%										
						RO 13.50 - 15.00	0% 0% 0%										
											Continued on next Sheet						
Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes						
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks
0.00	33.50	Air/Mist	Dark grey	100%	40.00	92mm	19.00	168mm									
33.50	40.00	Air/Mist	N/A	0%													
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube			Core Barrel Length		1.50	
Remarks																	
Hand excavated trial pit from GL to 1.20m. Rotary open holing from 1.20m to 19.00m depth. Rotary coring from 19.00m to 40.00m depth.																	
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		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH214
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282392.04	Equipment	Beretta T44	Sheet 1 of 7
Client	Walters UK Ltd	Northing	211929.31	Method	IP/RO/RC	
Project No	G23012	Level	222.21 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	1900 to 20.50	Engineer	A

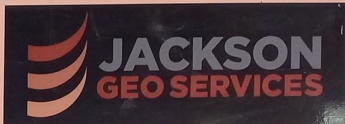




S2-BH214 19.00 m to 20.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	20.50 to 22.00	Engineer	A





S2-BH214 20.50 m to 22.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH214	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282392.04	Equipment	Beretta T44
Client	Walters UK Ltd	Northing	211929.31	Method	IP/RO/RC
Project No	G23012	Level	222.21 mAOD	Termination Reason	Scheduled depth

Sheet 2 of 7

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	22.00 to 23.50	Engineer	A

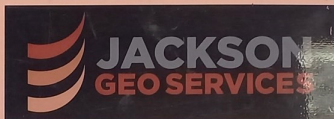




S2-BH214 22.00 m to 23.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	23.50 to 25.00	Engineer	A





S2-BH214 23.50 m to 25.00 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH214
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282392.04	Equipment	Beretta T44	Sheet 3 of 7
Client	Walters UK Ltd	Northing	211929.31	Method	IP/RO/RC	
Project No	G23012	Level	222.21 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	2500 to 2650	Engineer	A





2500m2650m2800m

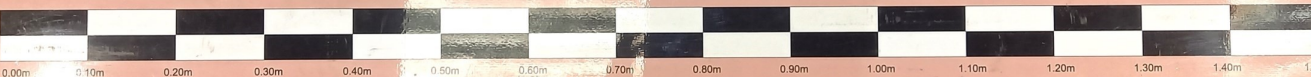
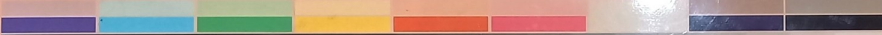
S2-BH214 25.00 m to 26.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	22 MAY 2023
Exploratory Hole Number	S2-BH214	Box / Face Number	
Depth (m) from	2650 to 2800	Engineer	A





2500m2650m2800m

S2-BH214 26.50 m to 28.00 m