

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m. Dynamic sampling from 1.20m to 11.30m. Rotary coring from 11.30m to 30.80m.		Exploratory Hole S1-BH103
Project	Global Centre of Rail Excellence	Easting	284603.15	Equipment	Insulated Digging Tools/Comacchio 305	Sheet 11 of 11
Client	Walters UK Limited	Northing	210646.48	Method	IP/DS/RC	
Project No	G22069	Level	234.33 mAOD	Termination Reason	Scheduled depth	

Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	30 NOV' 2022
Exploratory Hole Number	S1-BH103	Box / Face Number	
Depth (m) from	27.80 to 29.30	Engineer	A





27.80m

29.30m

30.80m

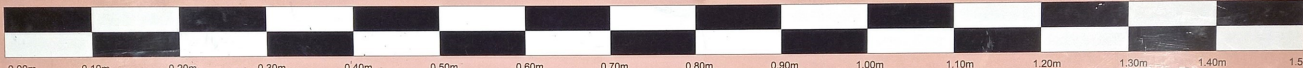
S1-BH103 27.80 m to 29.30 m

Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	30 NOV' 2022
Exploratory Hole Number	S1-BH103	Box / Face Number	
Depth (m) from	29.30 to 30.80	Engineer	A





27.80m

29.30m

30.80m

S1-BH103 29.30 m to 30.80 m



Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S1-BH105	
30/11/2022 12:00	0.00	0.00	Dry Dry Wet 7.14 15.27 6.56 Wet		
30/11/2022 16:30	5.20	4.20			
01/12/2022 08:30	5.20	4.20			
01/12/2022 15:15	9.80	9.00			
02/12/2022 09:15	9.80	9.00			
02/12/2022 15:00	15.80	9.00			
05/12/2022 08:30	15.80	9.00			
05/12/2022 15:15	30.80	9.00			
				Sheet 1 of 7	
				Scale	1:25
				Drilled	TP
				Logged	AF/SC/JJ
				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	
9.80	14.50	Air/Mist	Grey	100%	30.80	146mm	9.00	200mm			01/12/2022 10:00	6.00	7.00		5.01	30mins		
14.50	17.00	Air/Mist	Dark Grey	100%														
17.00	30.80	Air/Mist	Grey	100%														
Drill Bit Type			PCD		Drill Bit Condition		Good		Core Barrel Type		Wireline Triple Tube			Core Barrel Length			1.50	

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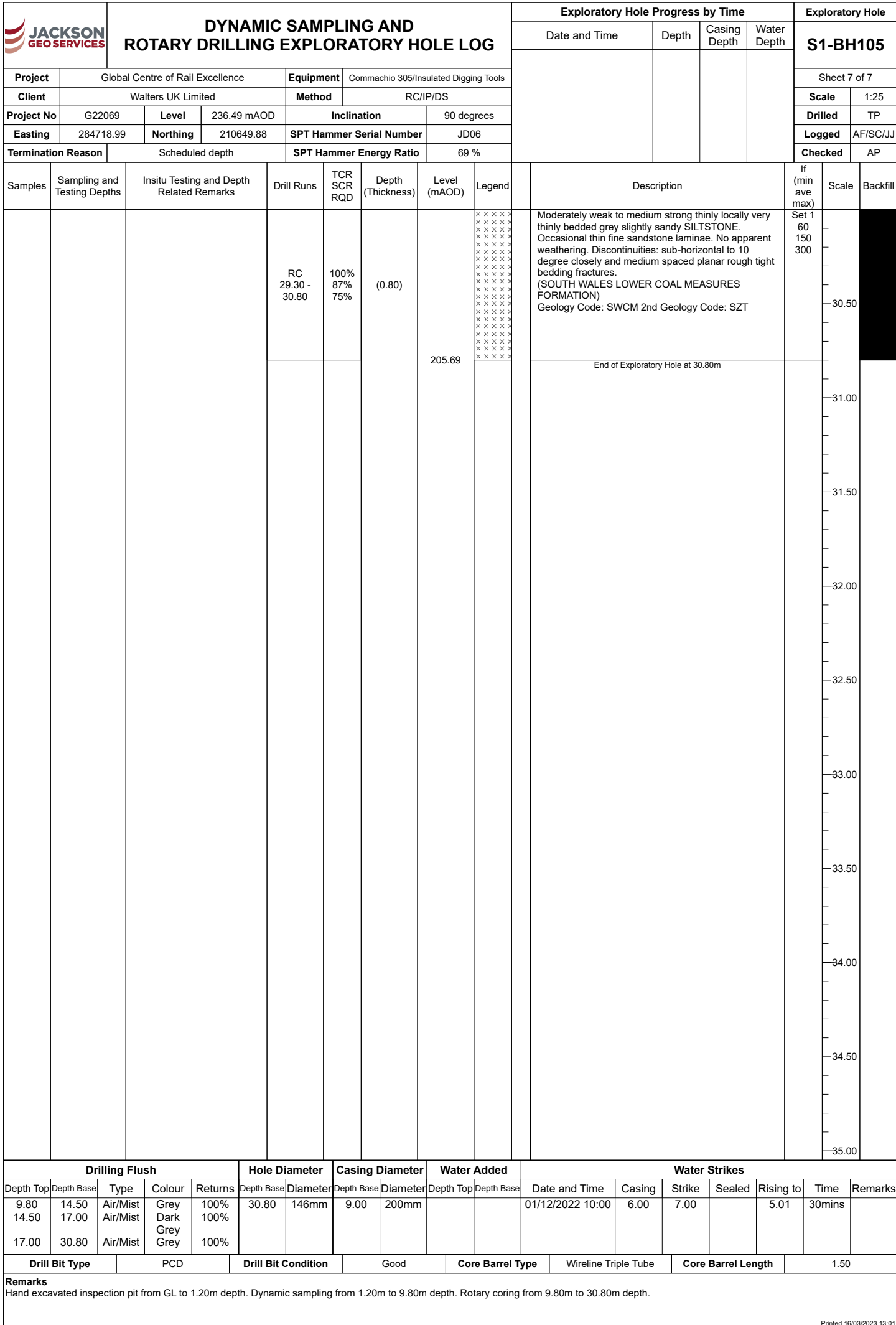
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Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S1-BH105	
				Sheet 6 of 7	
				Scale	1:25
				Drilled	TP
				Logged	AF/SC/JJ
				Checked	AP

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	
9.80	14.50	Air/Mist	Grey	100%	30.80	146mm	9.00	200mm			01/12/2022 10:00	6.00	7.00		5.01	30mins		
14.50	17.00	Air/Mist	Dark Grey	100%														
17.00	30.80	Air/Mist	Grey Grey	100%														
Drill Bit Type			PCD		Drill Bit Condition		Good		Core Barrel Type		Wireline Triple Tube			Core Barrel Length			1.50	

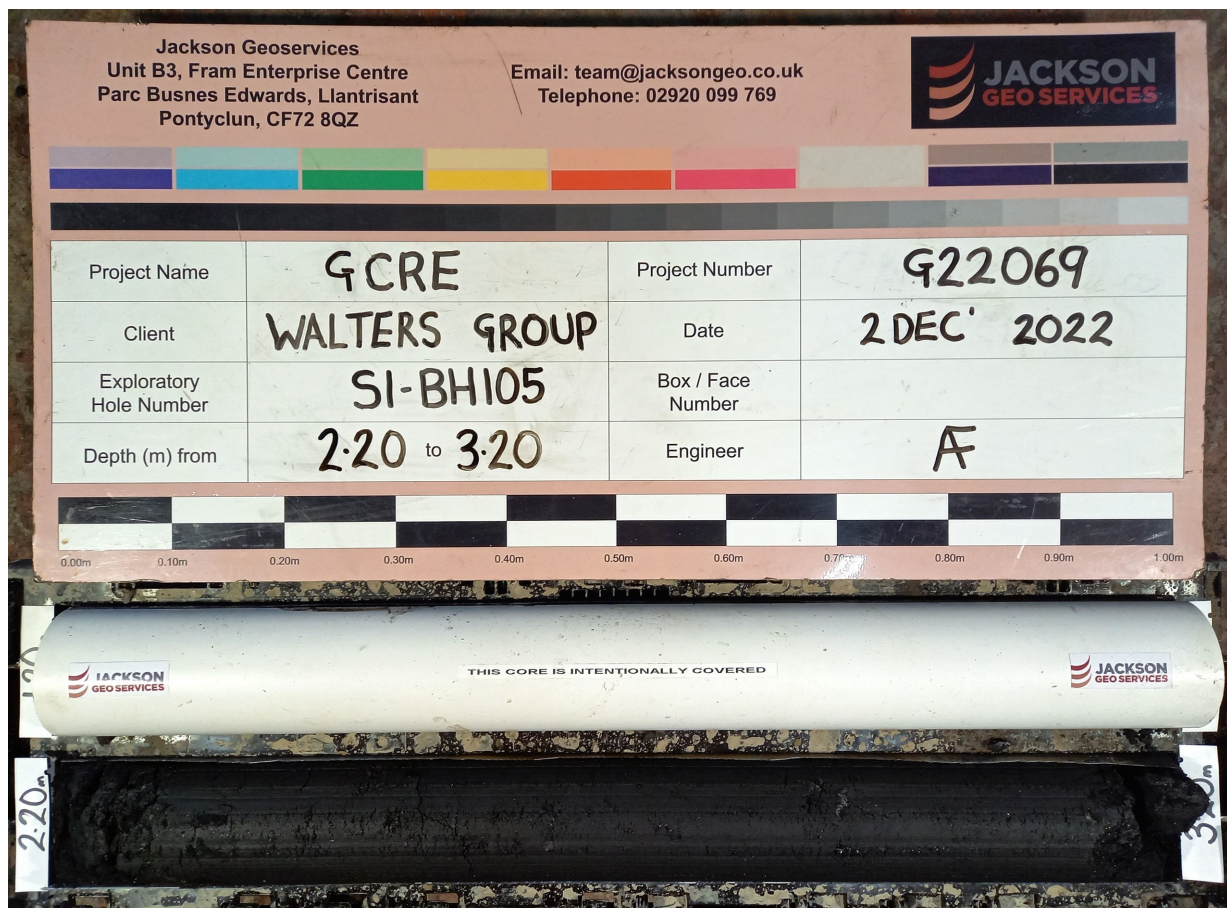
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		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.80m depth. Rotary coring from 9.80m to 30.80m depth.		Exploratory Hole S1-BH105
Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools	Sheet 1 of 11
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS	
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth	

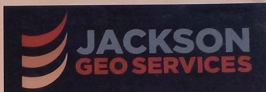
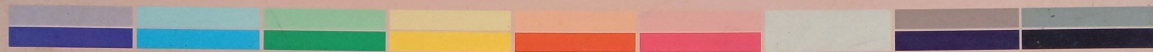
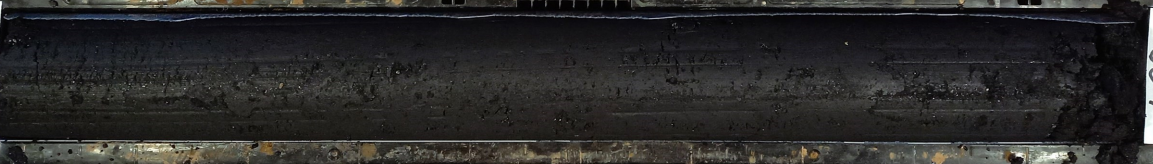


S1-BH105 1.20 m to 2.20 m



S1-BH105 2.20 m to 3.20 m

Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools	Sheet 2 of 11
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS	
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth	

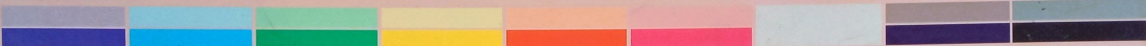
Jackson Geoservices Unit B3, Fram Enterprise Centre Parc Busnes Edwards, Llantrisant Pontyclun, CF72 8QZ		Email: team@jacksongeo.co.uk Telephone: 02920 099 769			
					
Project Name		GCRE		Project Number	
Client		WALTERS GROUP		G22069	
Exploratory Hole Number		SI-BH105		Date	
Depth (m) from		3.20 to 4.20		2 DEC' 2022	
				Box / Face Number	
				Engineer	
				F	
					
					
					

S1-BH105 3.20 m to 4.20 m

Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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





Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	2 DEC' 2022
Exploratory Hole Number	SI-BH105	Box / Face Number	
Depth (m) from	4.20 to 5.20	Engineer	A



2.70m

4.20m

5.20m

THIS CORE IS INTENTIONALLY COVERED



S1-BH105 4.20 m to 5.20 m

EXPLORATORY HOLE PHOTOGRAPHS

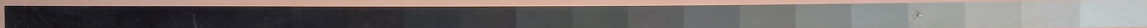
Remarks

Hand excavated inspection pit from GL to 1.20m depth.
Dynamic sampling from 1.20m to 9.80m depth. Rotary coring
from 9.80m to 30.80m depth.

Exploratory Hole

S1-BH105

Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools	Sheet 4 of 11
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS	
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth	

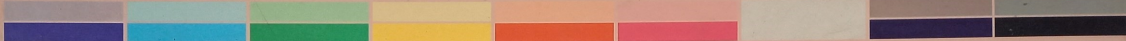
Jackson Geoservices Unit B3, Fram Enterprise Centre Parc Busnes Edwards, Llantrisant Pontyclun, CF72 8QZ		Email: team@jacksongeo.co.uk Telephone: 02920 099 769			
					
					
Project Name		GCRE		Project Number	
Client		WALTERS GROUP		G22069	
Exploratory Hole Number		SI-BH105		Date	
Depth (m) from		7.80 to 8.80		Box / Face Number	
				A	
					
					
THIS CORE IS INTENTIONALLY COVERED					
 					

S1-BH105 7.80 m to 8.80 m

Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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





Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	5 DEC' 2022
Exploratory Hole Number	SI-BH105	Box / Face Number	
Depth (m) from	8.80 to 9.80	Engineer	A





THIS CORE IS INTENTIONALLY COVERED





S1-BH105 8.80 m to 9.80 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.80m depth. Rotary coring from 9.80m to 30.80m depth.		Exploratory Hole S1-BH105
Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools	Sheet 5 of 11
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS	
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth	



S1-BH105 9.80 m to 11.30 m



S1-BH105 11.30 m to 12.80 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.80m depth. Rotary coring from 9.80m to 30.80m depth.	Exploratory Hole S1-BH105
Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth

Sheet 6 of 11

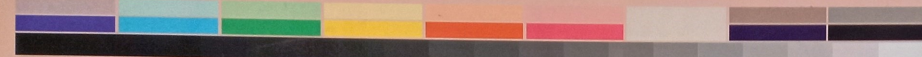
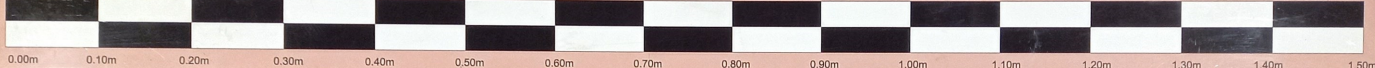
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE
Client	WALTERS GROUP
Exploratory Hole Number	S1-BH105
Depth (m) from	12.80 to 14.30

Project Number	G22069
Date	5 DEC' 2022
Box / Face Number	
Engineer	A



S1-BH105 12.80 m to 14.30 m

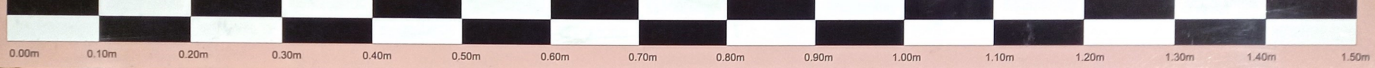
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE
Client	WALTERS GROUP
Exploratory Hole Number	S1-BH105
Depth (m) from	14.30 to 15.80

Project Number	G22069
Date	5 DEC' 2022
Box / Face Number	
Engineer	A

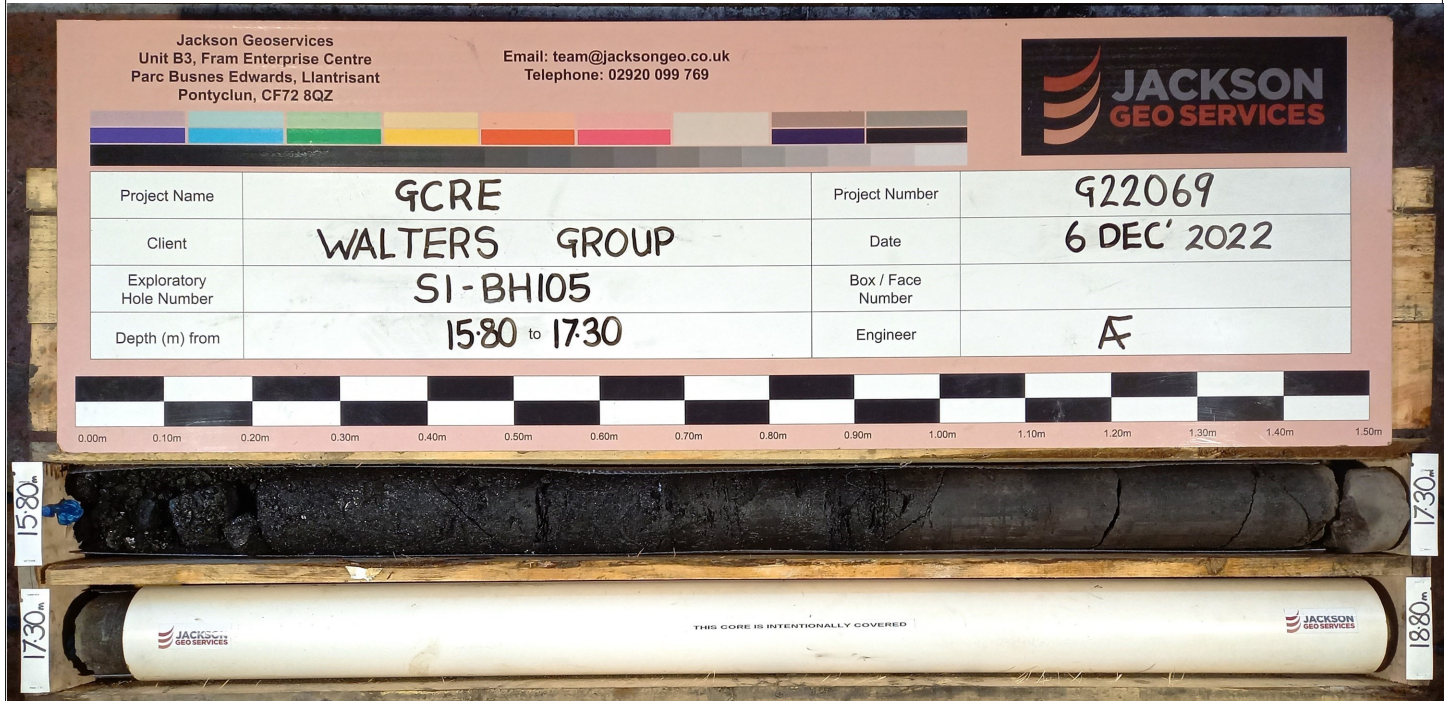





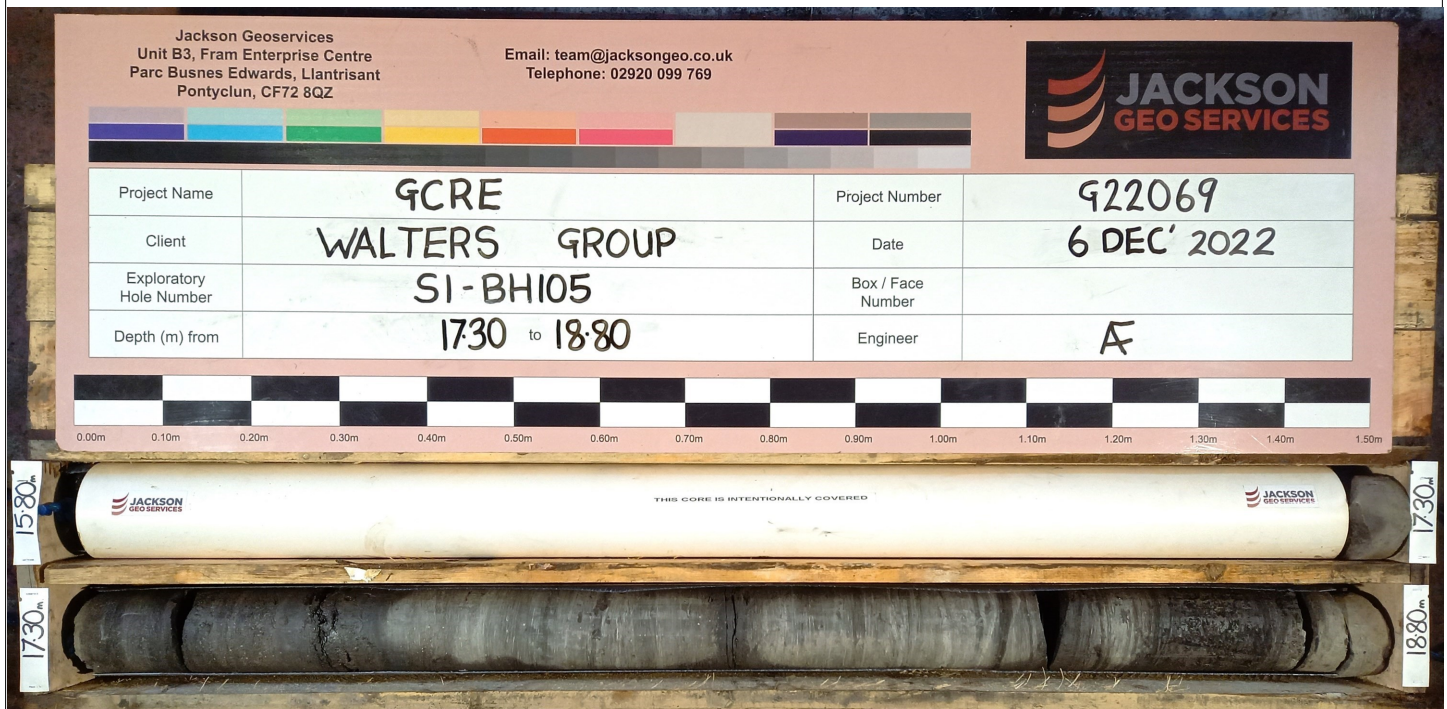
S1-BH105 14.30 m to 15.80 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.80m depth. Rotary coring from 9.80m to 30.80m depth.	Exploratory Hole S1-BH105
Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth

Sheet 7 of 11



S1-BH105 15.80 m to 17.30 m

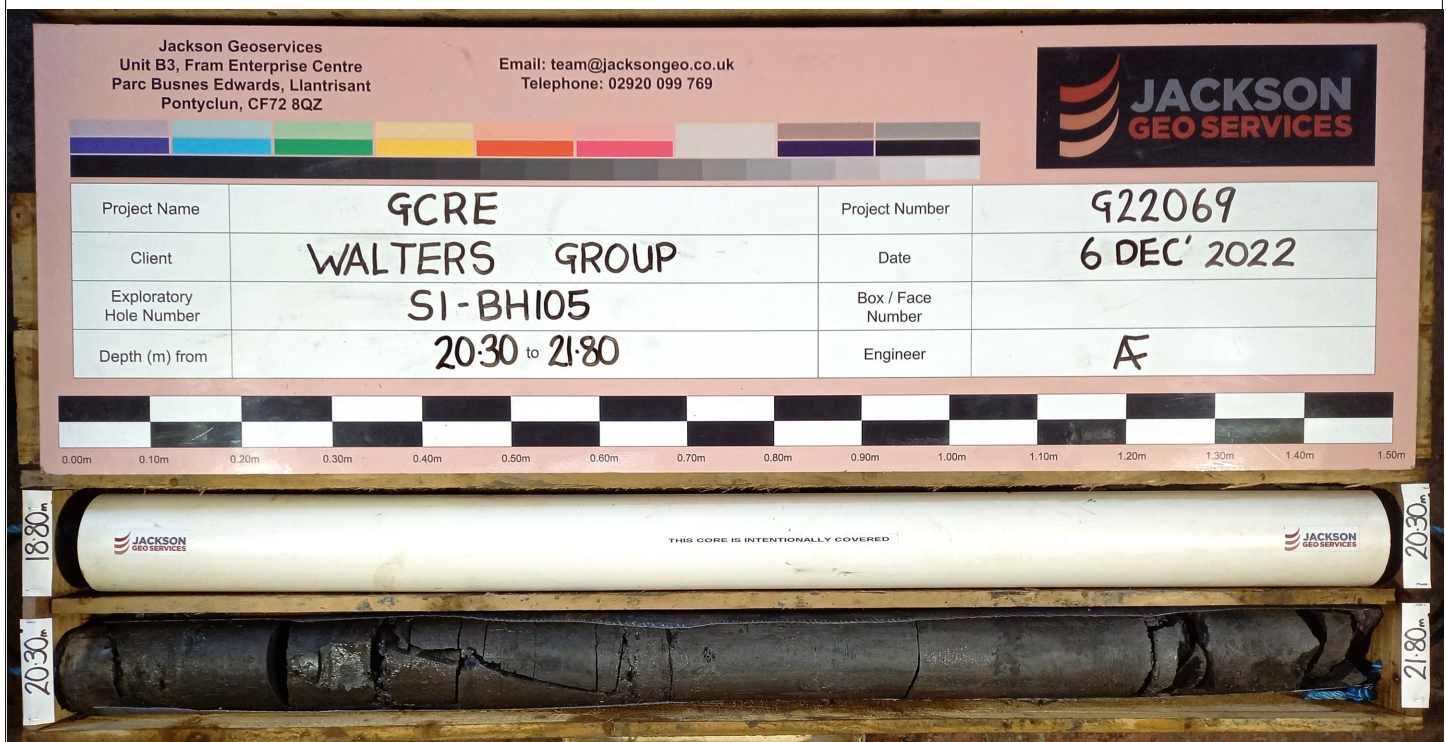


S1-BH105 17.30 m to 18.80 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.80m depth. Rotary coring from 9.80m to 30.80m depth.		Exploratory Hole S1-BH105
Project	Global Centre of Rail Excellence	Easting	284718.99	Equipment	Commachio 305/Insulated Digging Tools	Sheet 8 of 11
Client	Walters UK Limited	Northing	210649.88	Method	RC/IP/DS	
Project No	G22069	Level	236.49 mAOD	Termination Reason	Scheduled depth	



S1-BH105 18.80 m to 20.30 m



S1-BH105 20.30 m to 21.80 m