

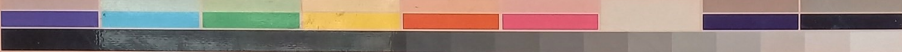
		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH235	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282985.15	Equipment	Teredo C38/Insulated hand tools
Client	Walters UK Ltd	Northing	210605.86	Method	RC/RO/DS/IP
Project No	G23012	Level	258.40 mAOD	Termination Reason	Scheduled depth
					Sheet 3 of 4

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 APRIL 2023
Exploratory Hole Number	S2-BH235	Box / Face Number	
Depth (m) from	9.00 to 10.50	Engineer	A





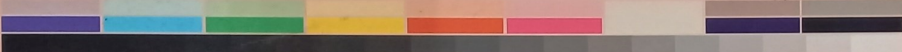

S2-BH235 9.00 m to 10.50 m

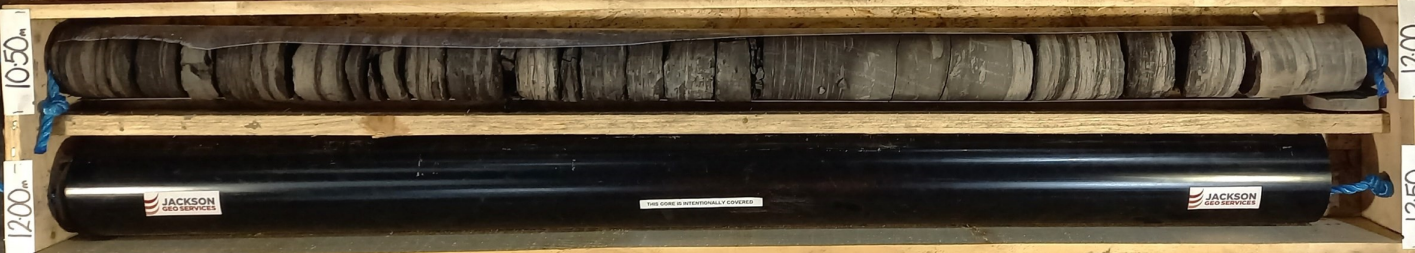
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 APRIL 2023
Exploratory Hole Number	S2-BH235	Box / Face Number	
Depth (m) from	10.50 to 12.00	Engineer	A



S2-BH235 10.50 m to 12.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH235	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282985.15	Equipment	Teredo C38/Insulated hand tools
Client	Walters UK Ltd	Northing	210605.86	Method	RC/RO/DS/IP
Project No	G23012	Level	258.40 mAOD	Termination Reason	Scheduled depth

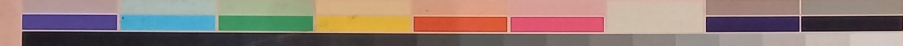
Sheet 4 of 4

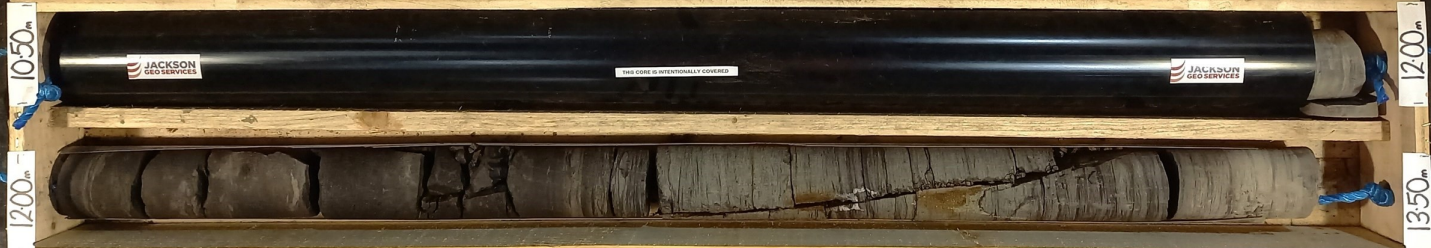
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 APRIL 2023
Exploratory Hole Number	S2-BH235	Box / Face Number	
Depth (m) from	12.00 to 13.50	Engineer	A



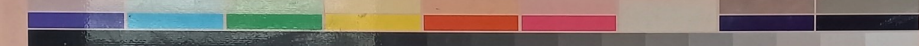
S2-BH235 12.00 m to 13.50 m

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 APRIL 2023
Exploratory Hole Number	S2-BH235	Box / Face Number	
Depth (m) from	13.50 to 15.00	Engineer	A






S2-BH235 13.50 m to 15.00 m



Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH236	
19/04/2023 08:00	1.20	0.00	Dry Dry Dry Dry		
19/04/2023 17:00	6.00	6.00			
20/04/2023 08:00	6.00	6.00			
20/04/2023 17:00	15.00	12.00			
				Sheet 1 of 3	
				Scale	1:25
				Drilled	CJ
				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	
3.70	15.00	Air/Mist	Grey/ black	100%	15.00	92mm	12.00	178mm			19/04/2023 13:30	1.20	1.50	6.00	1.50	20mins	perched water	
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Triple Tube		Core Barrel Length			1.50		

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Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH236	
				Sheet 3 of 3	
				Scale	1:25
				Drilled	CJ
				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	
3.70	15.00	Air/Mist	Grey/ black	100%	15.00	92mm	12.00	178mm			19/04/2023 13:30	1.20	1.50	6.00	1.50	20mins	perched water	
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Triple Tube		Core Barrel Length			1.50		

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		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole S2-BH236	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282690.75	Equipment	Insulated Hand Tools/Terredo DC 3
Client	Walters UK Ltd	Northing	210580.88	Method	IP/DS/RC/RO
Project No	G23012	Level	259.32 mAOD	Termination Reason	Scheduled depth

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	1.20 to 2.20	Engineer	A



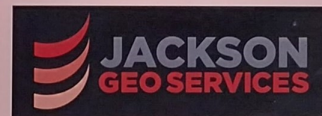
0.00m 0.10m 0.20m 0.30m 0.40m 0.50m 0.60m 0.70m 0.80m 0.90m 1.00m



S2-BH236 1.20 m to 2.20 m

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

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	2.20 to 3.20	Engineer	A



0.00m 0.10m 0.20m 0.30m 0.40m 0.50m 0.60m 0.70m 0.80m 0.90m



S2-BH236 2.20 m to 3.20 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole S2-BH236	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282690.75	Equipment	Insulated Hand Tools/Terreco DC 3
Client	Walters UK Ltd	Northing	210580.88	Method	IP/DS/RC/RO
Project No	G23012	Level	259.32 mAOD	Termination Reason	Scheduled depth

Sheet 2 of 4

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	3.20 to 3.70	Engineer	A





S2-BH236 3.20 m to 3.70 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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	7.50 to 8.30	Engineer	A





S2-BH236 7.50 m to 8.30 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH236
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282690.75	Equipment	Insulated Hand Tools/Terredo DC 3	Sheet 3 of 4
Client	Walters UK Ltd	Northing	210580.88	Method	IP/DS/RC/RO	
Project No	G23012	Level	259.32 mAOD	Termination Reason	Scheduled depth	

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

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



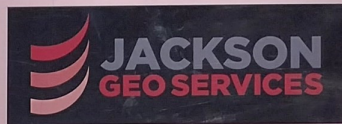
Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	9.00 to 10.50	Engineer	KW



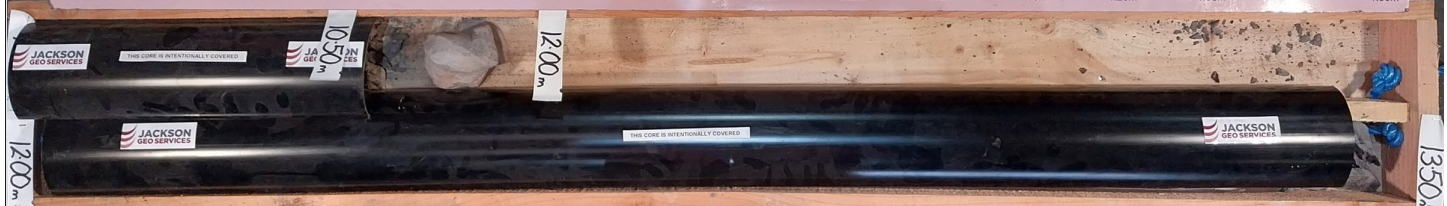

S2-BH236 9.00 m to 10.50 m

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

Email: team@jacksonge.co.uk
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	10.50 to 12.00	Engineer	KW

S2-BH236 10.50 m to 12.00 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH236
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282690.75	Equipment	Insulated Hand Tools/Terreco DC 3	Sheet 4 of 4
Client	Walters UK Ltd	Northing	210580.88	Method	IP/DS/RC/RO	
Project No	G23012	Level	259.32 mAOD	Termination Reason	Scheduled depth	

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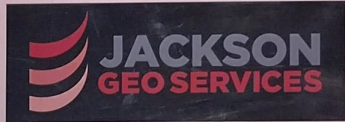
Unit B3, Fram Enterprise Centre

Parc Busnes Edwards, Llantrisant

Pontyclun, CF72 8QZ

Email: team@jacksongeo.co.uk

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	12.00 to 13.50	Engineer	KW





S2-BH236 12.00 m to 13.50 m

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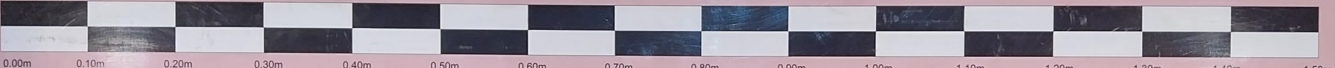
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	21 APRIL 2023
Exploratory Hole Number	S2-BH236	Box / Face Number	
Depth (m) from	13.50 to 15.00	Engineer	KW


S2-BH236 13.50 m to 15.00 m



Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH237	
30/03/2023 08:33	0.00				
30/03/2023 17:05	6.00	6.00	2.60	Sheet 1 of 5	
31/03/2023 10:00	6.00	6.00	2.60	Scale	1:25
31/03/2023 15:00	14.30	6.00	10.00	Drilled	CJ
03/04/2023 09:00	14.30	6.00	10.00	Logged	AF
03/04/2023 17:00	24.80	6.00	10.00	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
0.30	1.50	Air/Mist	N/A	0%	6.00	150mm	6.00	150mm			30/03/2023 12:30	1.50	4.50		2.60	20mins	
1.50	24.80	Air/Mist	Brown	100%	24.80	146mm											
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 Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH237	
				Sheet 2 of 5	
				Scale	1:25
				Drilled	CJ
				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
0.30	1.50	Air/Mist	N/A	0%	6.00	150mm	6.00	150mm			30/03/2023 12:30	1.50	4.50		2.60	20mins	
1.50	24.80	Air/Mist	Brown	100%	24.80	146mm											
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 Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH237	
				Sheet 4 of 5	
				Scale	1:25
				Drilled	CJ
				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
0.30	1.50	Air/Mist	N/A	0%	6.00	150mm	6.00	150mm			30/03/2023 12:30	1.50	4.50		2.60	20mins	
1.50	24.80	Air/Mist	Brown	100%	24.80	146mm											
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length			1.50	

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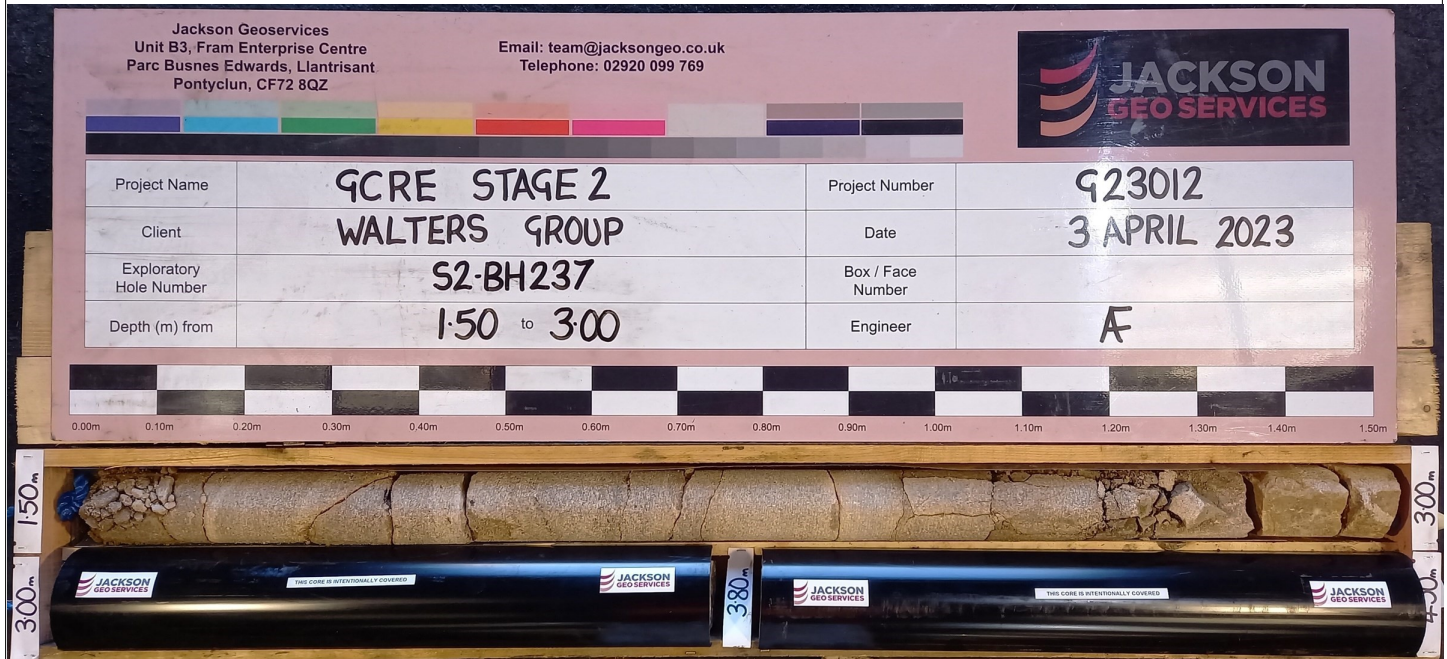


Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH237	
				Sheet 5 of 5	
				Scale	1:25
				Drilled	CJ
				Logged	AF
				Checked	AP

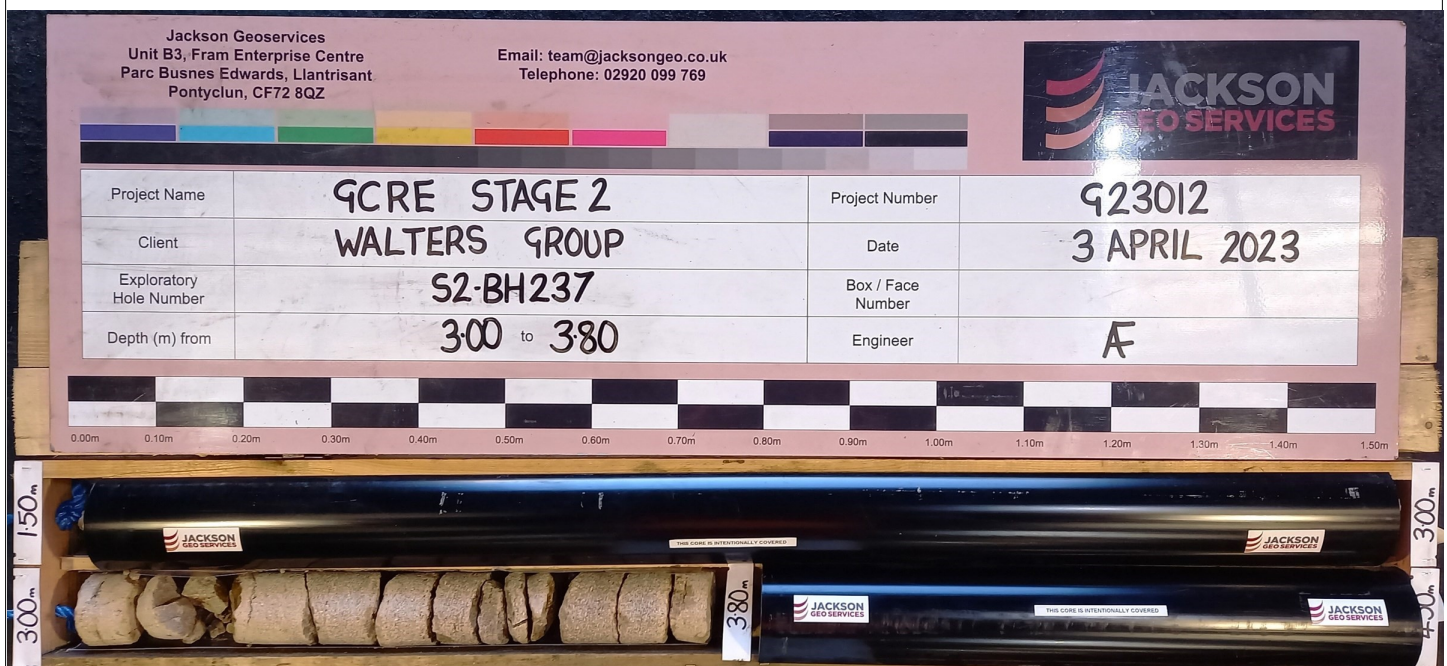
Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes						
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks
0.30	1.50	Air/Mist	N/A	0%	6.00	150mm	6.00	150mm			30/03/2023 12:30	1.50	4.50		2.60	20mins	
1.50	24.80	Air/Mist	Brown	100%	24.80	146mm											
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-BH237
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 1 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth	



S2-BH237 1.50 m to 3.00 m



S2-BH237 3.00 m to 3.80 m

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 2 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 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

The logo for Jackson Geo Services, featuring a stylized red and black graphic of three curved lines to the left of the company name in bold, black, sans-serif capital letters.

Project Name	QCRE STAGE 2	Project Number	Q23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	52-BH237	Box / Face Number	
Depth (m) from	380 to 4:50	Engineer	A

A horizontal scale bar with alternating black and white segments, marked with measurements from 0.00m to 1.50m in 0.10m increments.

Two long, black, cylindrical core sample containers are shown. The top container is labeled 'JACKSON GEO SERVICES' and 'THIS CORE IS INTENTIONALLY COVERED'. The bottom container is also labeled 'JACKSON GEO SERVICES' and 'THIS CORE IS INTENTIONALLY COVERED'. A section of the bottom container is open, revealing a series of light-colored, irregularly shaped core samples. A white label with the number '380' is placed next to the first sample. Vertical scale markers on the left and right sides of the image indicate depths of 300m, 150m, and 0m.

S2-BH237 3.80 m to 4.50 m

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

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

**JACKSON
GEO SERVICES**

Project Name	QCRE STAGE 2	Project Number	Q23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	4:50 to 6:00	Engineer	A

0.00m 0.10m 0.30m 0.40m 0.50m 0.60m 0.70m 0.80m 0.90m 1.00m 1.10m 1.20m 1.40m 1.50m

4:50m 600m 750m

JACKSON GEO SERVICES

THIS CORE IS INTENTIONALLY COVERED

JACKSON GEO SERVICES

THIS CORE IS INTENTIONALLY COVERED

JACKSON GEO SERVICES

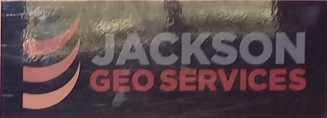
830

S2-BH237 4.50 m to 6.00 m

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 3 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth	

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	600 to 750	Engineer	A






S2-BH237 6.00 m to 7.50 m

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

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

**JACKSON
GEO SERVICES**

Project Name	QCRE STAGE 2	Project Number	Q23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	7.50 to 8.30	Engineer	A

0.00m 0.10m 0.30m 0.40m 0.50m 0.60m 0.70m 0.80m 0.90m 1.00m 1.10m 1.20m 1.40m 1.50m

4.50m

JACKSON GEO SERVICES

THIS CORE IS INTENTIONALLY COVERED

JACKSON GEO SERVICES

THIS CORE IS INTENTIONALLY COVERED

JACKSON GEO SERVICES

600m

750m

830m

S2-BH237 7.50 m to 8.30 m

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-BH237	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth

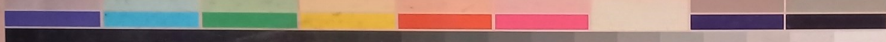
Sheet 4 of 9

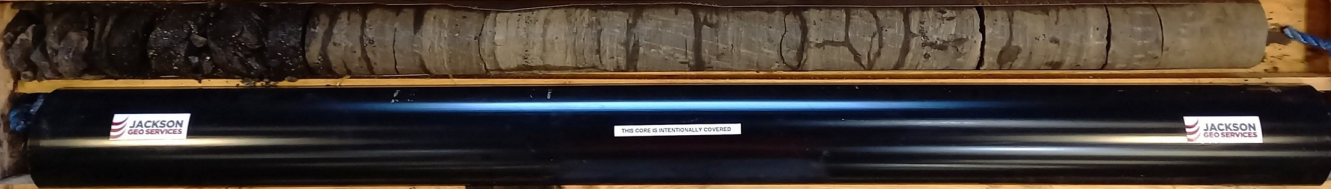
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	830 to 980	Engineer	A

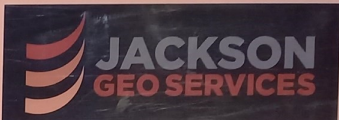


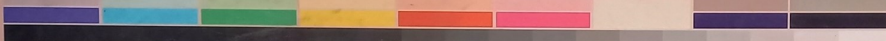
S2-BH237 8.30 m to 9.80 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	980 to 1130	Engineer	A






S2-BH237 9.80 m to 11.30 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH237
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 5 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	11:30 to 12:30	Engineer	A

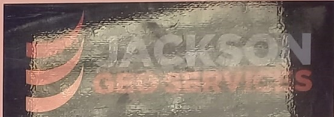




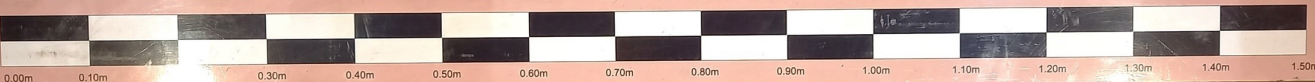

S2-BH237 11.30 m to 12.80 m

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 STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	12:30 to 14:30	Engineer	A



S2-BH237 12.80 m to 14.30 m

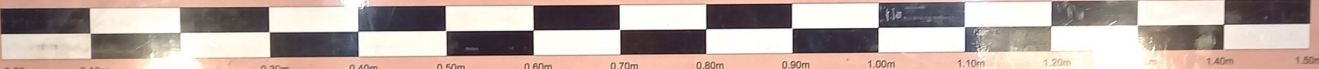
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH237
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 6 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth	

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Pontyclun, CF72 8QZ

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	14:30 to 15:80	Engineer	A



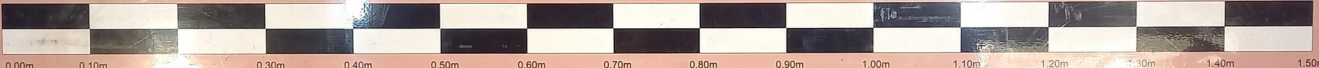
S2-BH237 14.30 m to 15.80 m

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

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	15:80 to 17:30	Engineer	A

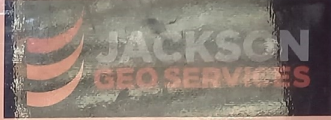


S2-BH237 15.80 m to 17.30 m

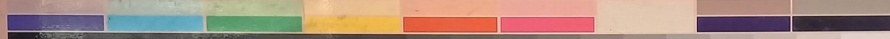
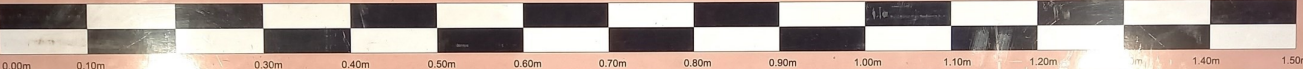
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH237
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 8 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth	

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Email: team@jacksongeo.co.uk
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	20.30 to 21.80	Engineer	A



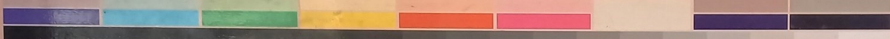
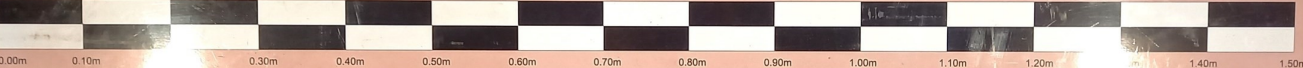
S2-BH237 20.30 m to 21.80 m

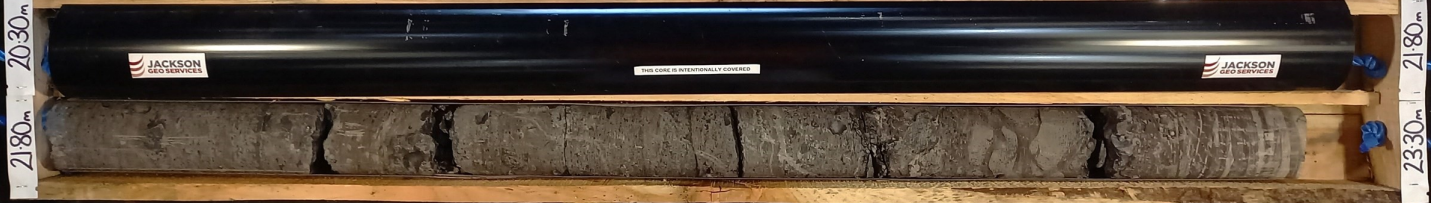
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

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



Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	21.80 to 23.30	Engineer	A



S2-BH237 21.80 m to 23.30 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH237
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281689.45	Equipment	Toredo C38/Insulated hand tools	Sheet 9 of 9
Client	Walters UK Ltd	Northing	210521.40	Method	RC/IP/RO	
Project No	G23012	Level	270.96 mAOD	Termination Reason	Scheduled depth	

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

Email: team@jacksongeo.co.uk
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	3 APRIL 2023
Exploratory Hole Number	S2-BH237	Box / Face Number	
Depth (m) from	23.30 to 24.80	Engineer	A

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

23.30m



24.80m

S2-BH237 23.30 m to 24.80 m



Exploratory Hole Progress by Time				Exploratory Hole		
Date and Time		Depth	Casing Depth	Water Depth	S2-BH239	
04/05/2023 09:44		0.00				
04/05/2023 16:52		10.00	8.50	1.80		
05/05/2023 07:00		10.00	8.50	1.80		
05/05/2023 16:00		10.00	8.50	1.80	Sheet 1 of 2	
					Scale	1:25
					Drilled	KO/RCB
					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	10.00	Air/Mist	Dark grey	100%	10.00	150mm	6.00	200mm			04/05/2023 09:45		0.40		0.40	20mins	Seepage
							8.50	150mm			04/05/2023 09:53	2.00	2.00		1.80	20mins	Medium
Drill Bit Type		PCD			Drill Bit Condition		Fair		Core Barrel Type		Conventional Double Tube		Core Barrel Length			1.50	

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