

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m. Dynamic sampling from 1.20m to 6.20m. Rotary coring from 6.20m to 30.40m.	Exploratory Hole S1-BH112
Project	Global Centre of Rail Excellence	Easting	284882.07	Equipment	Commachio 305/Insulated Digging Tools
Client	Walters UK Limited	Northing	210599.97	Method	RC/IP/DS
Project No	G22069	Level	237.94 mAOD	Termination Reason	Scheduled depth

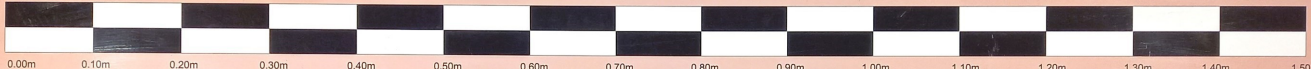
Sheet 9 of 11

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Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	20 DEC' 2022
Exploratory Hole Number	S1-BH112	Box / Face Number	
Depth (m) from	21.90 to 23.40	Engineer	A



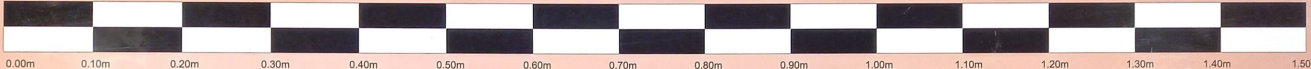
S1-BH112 21.90 m to 23.40 m

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Project Name	GCRE	Project Number	G22069
Client	WALTERS GROUP	Date	20 DEC' 2022
Exploratory Hole Number	S1-BH112	Box / Face Number	
Depth (m) from	23.40 to 24.90	Engineer	A



S1-BH112 23.40 m to 24.90 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m. Dynamic sampling from 1.20m to 6.20m. Rotary coring from 6.20m to 30.40m.	Exploratory Hole S1-BH112
Project	Global Centre of Rail Excellence	Easting	284882.07	Equipment	Commachio 305/Insulated Digging Tools
Client	Walters UK Limited	Northing	210599.97	Method	RC/IP/DS
Project No	G22069	Level	237.94 mAOD	Termination Reason	Scheduled depth

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S1-BH112 24.90 m to 26.40 m



S1-BH112 26.40 m to 27.90 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m. Dynamic sampling from 1.20m to 6.20m. Rotary coring from 6.20m to 30.40m.	Exploratory Hole S1-BH112
Project	Global Centre of Rail Excellence	Easting	284882.07	Equipment	Commachio 305/Insulated Digging Tools
Client	Walters UK Limited	Northing	210599.97	Method	RC/IP/DS
Project No	G22069	Level	237.94 mAOD	Termination Reason	Scheduled depth

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S1-BH112 27.90 m to 29.40 m



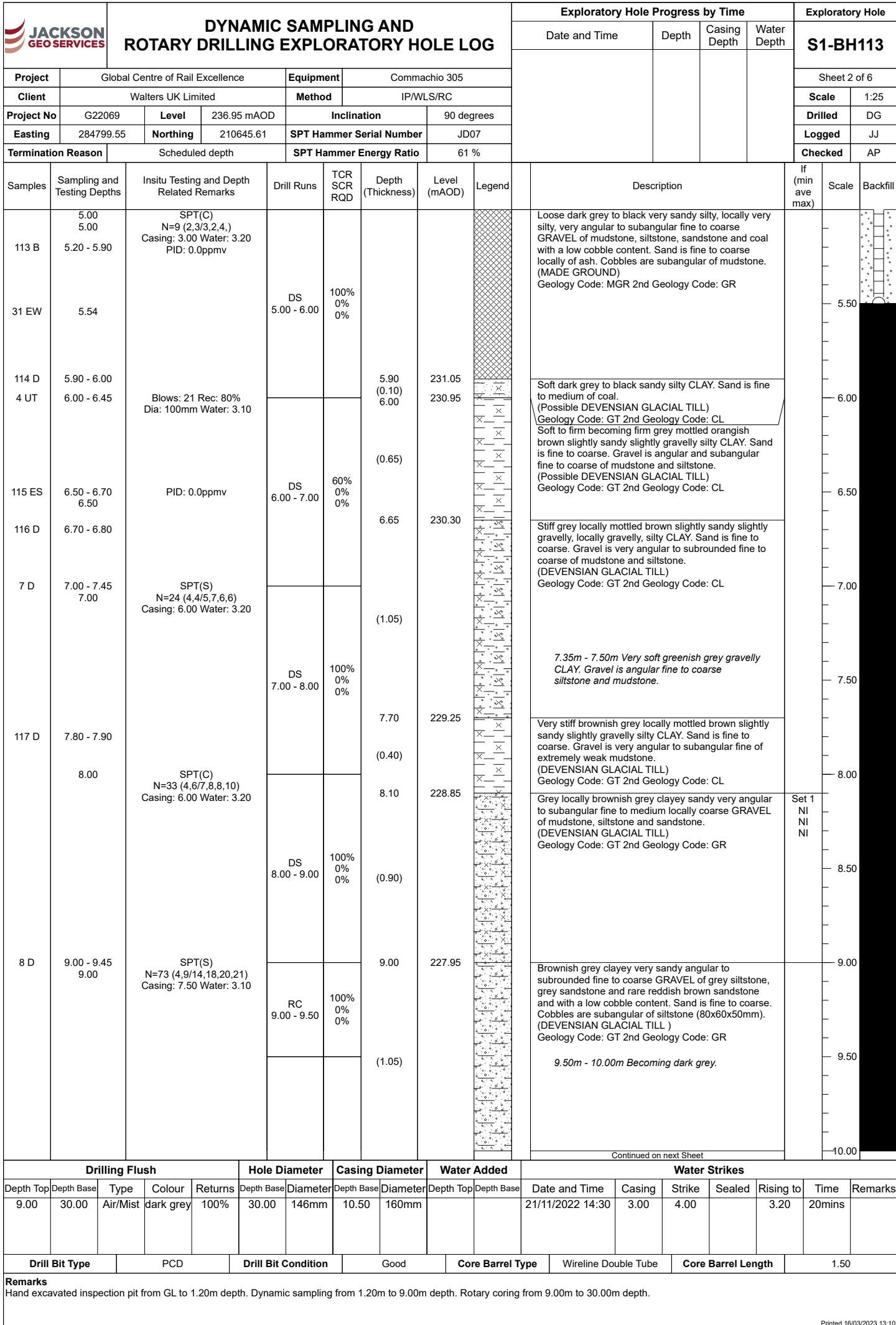
S1-BH112 29.40 m to 30.40 m



Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S1-BH113	
21/11/2022 11:28	0.00				
21/11/2022 16:00	8.00	6.50	3.10	Sheet 1 of 6	
22/11/2022 08:30	8.00	6.00	3.10	Scale	1:25
22/11/2022 17:00	12.50	10.50	10.80	Drilled	DG
23/11/2022 08:30	12.50	10.50	3.10	Logged	JJ
23/11/2022 16:43	30.00	10.50	25.50	Checked	AP
24/11/2022 08:30	30.00	10.50	7.50		

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
9.00	30.00	Air/Mist	dark grey	100%	30.00	146mm	10.50	160mm			21/11/2022 14:30	3.00	4.00		3.20	20mins	
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Wireline Double Tube		Core Barrel Length			1.50	

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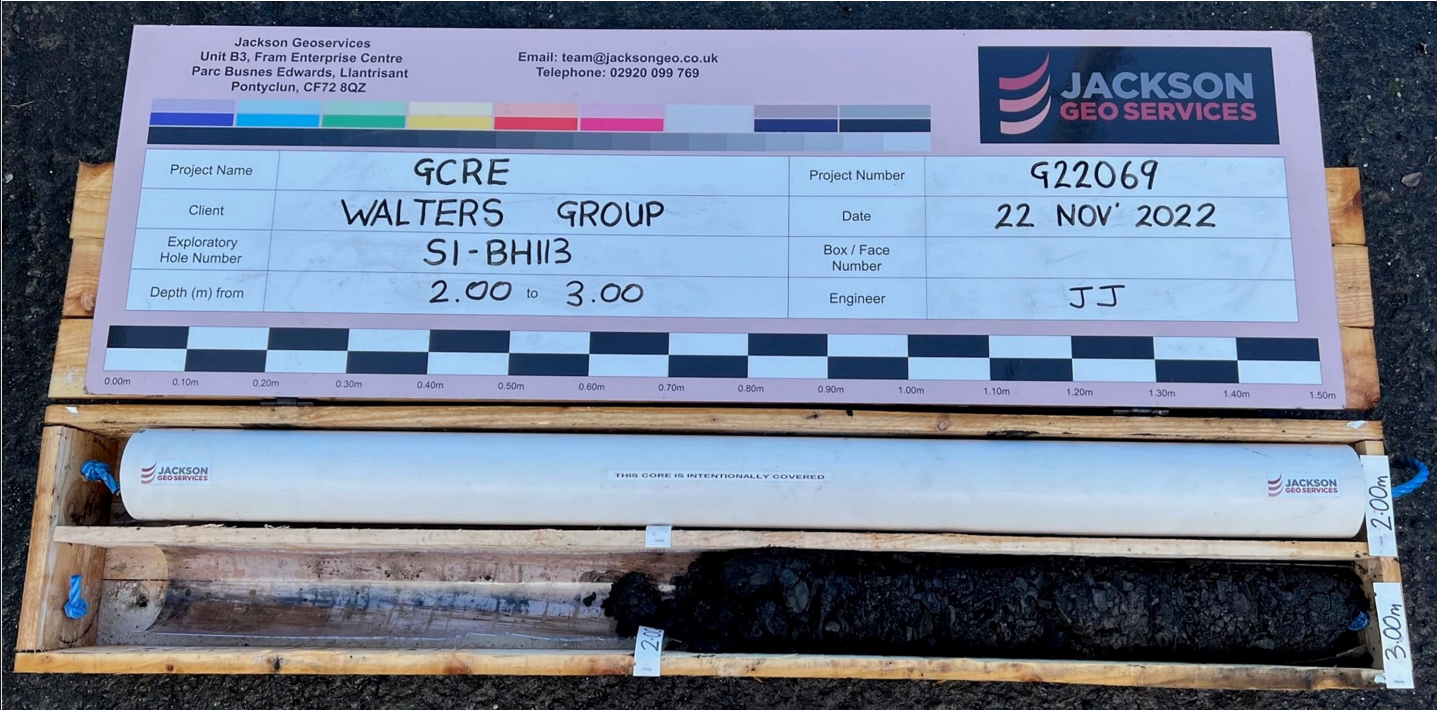
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		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 1 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 1.20 m to 2.00 m



S1-BH113 2.00 m to 3.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 2 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 3.00 m to 4.00 m



S1-BH113 4.00 m to 5.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 3 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 5.00 m to 6.00 m



S1-BH113 6.00 m to 7.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 4 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 7.00 m to 8.00 m



S1-BH113 8.00 m to 9.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 5 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 9.00 m to 9.50 m



S1-BH113 9.50 m to 11.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 6 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 11.00 m to 12.50 m



S1-BH113 12.50 m to 14.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 7 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 14.00 m to 15.50 m



S1-BH113 15.50 m to 17.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 8 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 17.00 m to 18.50 m

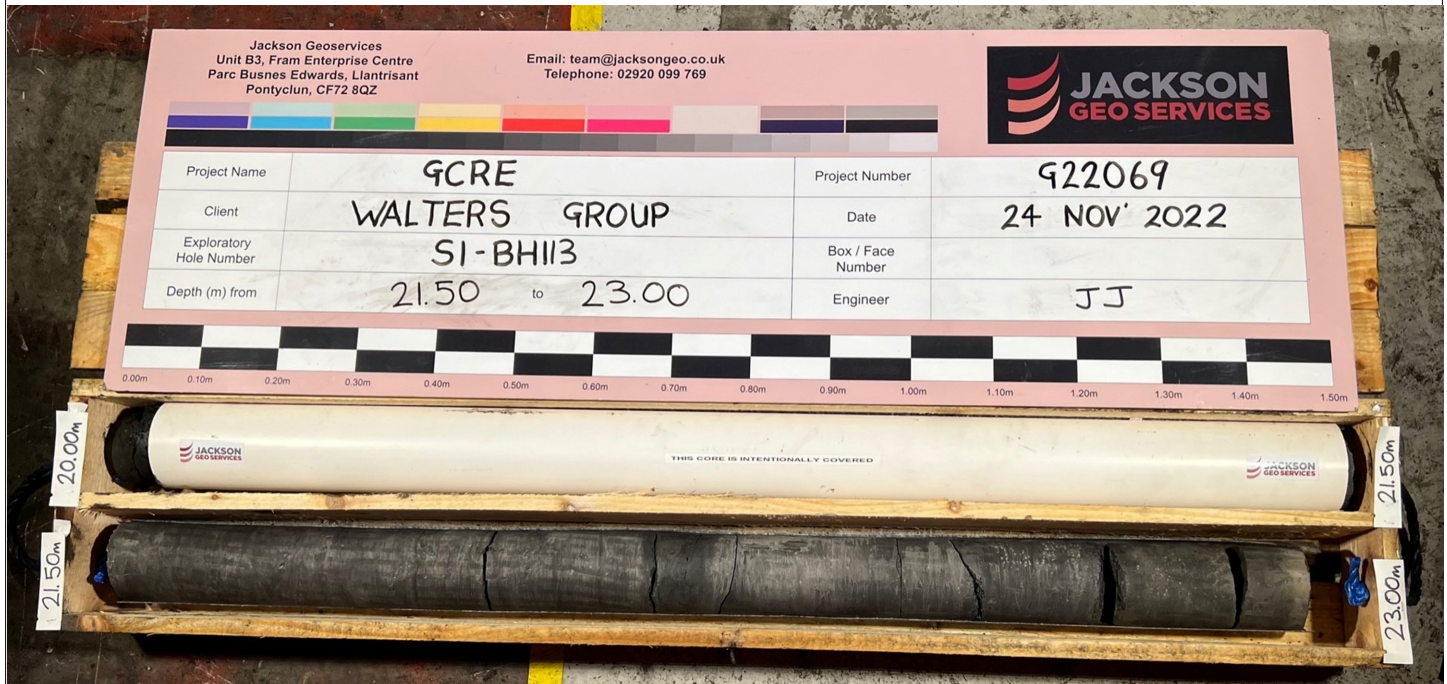


S1-BH113 18.50 m to 20.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 9.00m depth. Rotary coring from 9.00m to 30.00m depth.		Exploratory Hole S1-BH113
Project	Global Centre of Rail Excellence	Easting	284799.55	Equipment	Commachio 305	Sheet 9 of 12
Client	Walters UK Limited	Northing	210645.61	Method	IP/WLS/RC	
Project No	G22069	Level	236.95 mAOD	Termination Reason	Scheduled depth	



S1-BH113 20.00 m to 21.50 m



S1-BH113 21.50 m to 23.00 m