

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m. Dynamic sampling from 1.20m to 11.00m. Rotary open hole from 11.00m to 12.00m. Rotary coring from 12.00m to 17.00m. Rotary open hole from 17.00m to 20.00m.		Exploratory Hole S1-BH106
Project	Global Centre of Rail Excellence	Easting	284928.61	Equipment	Hand tools/Beretta T44	Sheet 5 of 5
Client	Walters UK Limited	Northing	210637.41	Method	IP/DS/RO/RC	
Project No	G22069	Level	241.27 mAOD	Termination Reason	Scheduled depth	



S1-BH106 14.00 m to 15.50 m



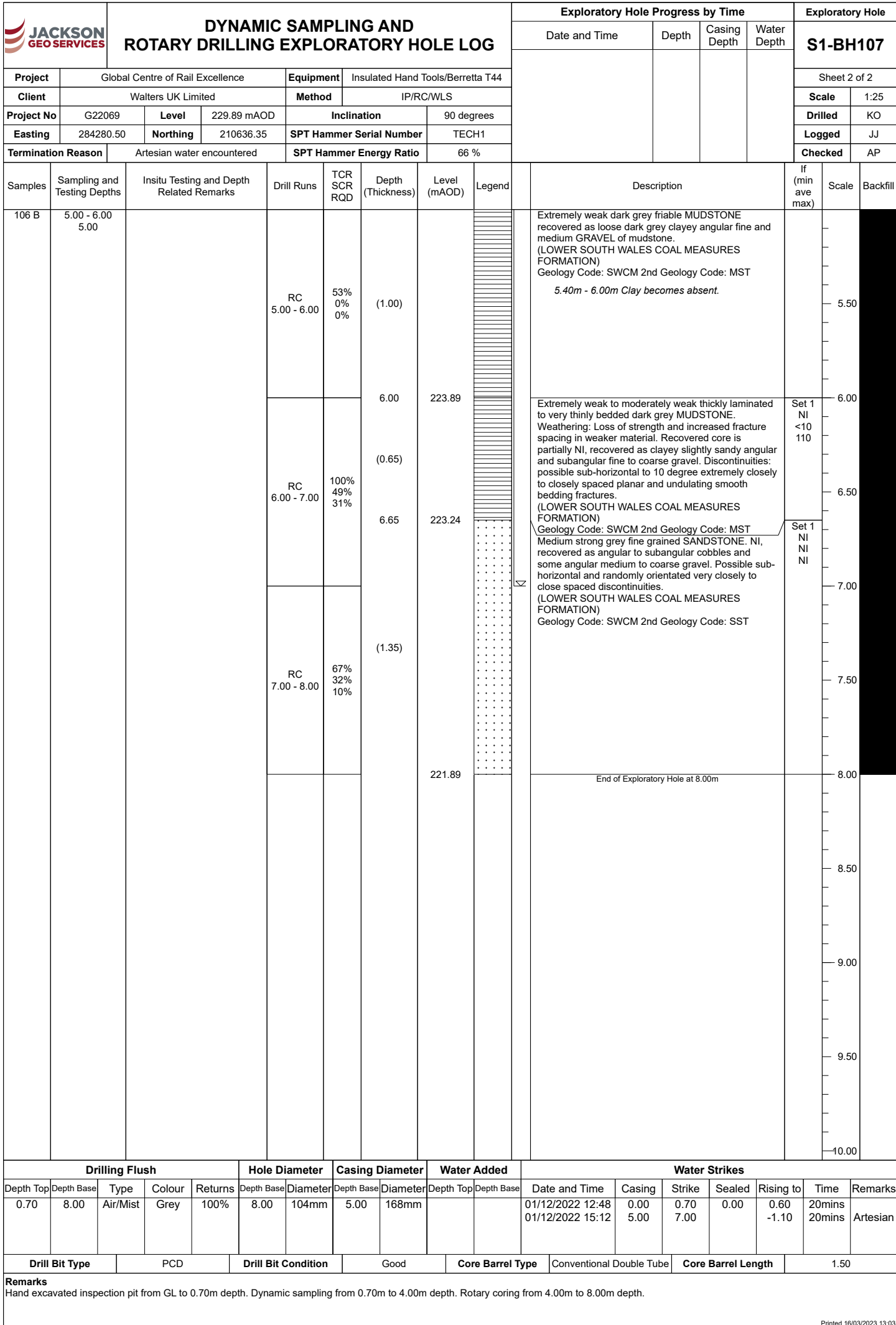
S1-BH106 15.50 m to 17.00 m



Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S1-BH107	
01/12/2022 08:00	0.00				
01/12/2022 16:00	8.00	5.00	-1.10	Sheet 1 of 2	
02/12/2022 07:30	8.00	5.00	0.00	Scale	1:25
02/12/2022 09:00	8.00	5.00	0.00	Drilled	KO
				Logged	JJ
				Checked	AP

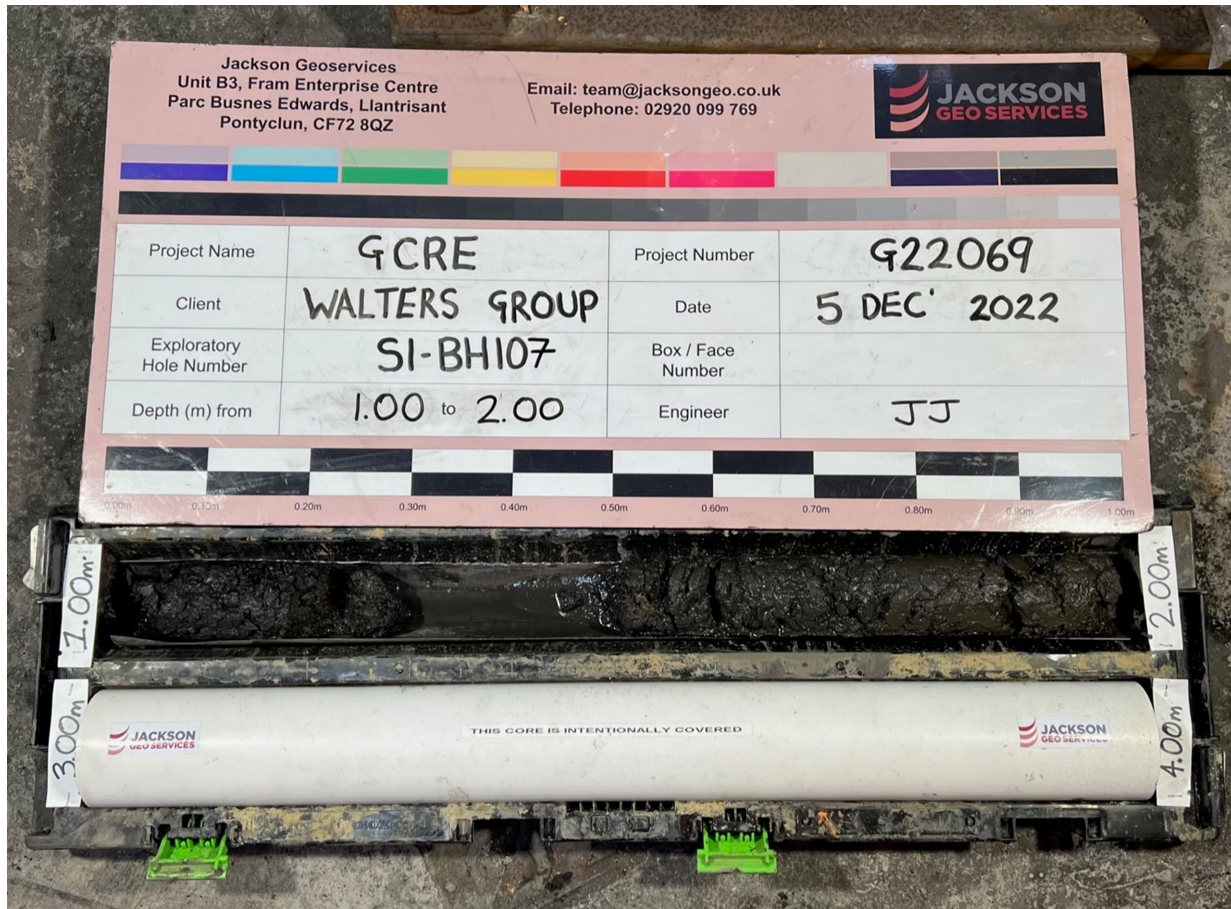
Drilling Flush					Hole Diameter		Casing Diameter		Water Added		Water Strikes						
Depth Top	Depth Base	Type	Colour	Returns	Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Date and Time	Casing	Strike	Sealed	Rising to	Time	Remarks
0.70	8.00	Air/Mist	Grey	100%	8.00	104mm	5.00	168mm			01/12/2022 12:48 01/12/2022 15:12	0.00 5.00	0.70 7.00	0.00	0.60 -1.10	20mins 20mins	Artesian
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		Remarks Hand excavated inspection pit from GL to 0.70m depth. Dynamic sampling from 0.70m to 4.00m depth. Rotary coring from 4.00m to 8.00m depth.		Exploratory Hole S1-BH107
Project	Global Centre of Rail Excellence	Easting	284280.50	Equipment	Insulated Hand Tools/Berretta T44	
Client	Walters UK Limited	Northing	210636.35	Method	IP/RC/WLS	
Project No	G22069	Level	229.89 mAOD	Termination Reason	Artesian water encountered	

Sheet 1 of 4



S1-BH107 1.00 m to 2.00 m



S1-BH107 2.00 m to 3.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 0.70m depth. Dynamic sampling from 0.70m to 4.00m depth. Rotary coring from 4.00m to 8.00m depth.		Exploratory Hole S1-BH107
Project	Global Centre of Rail Excellence	Easting	284280.50	Equipment	Insulated Hand Tools/Berretta T44	
Client	Walters UK Limited	Northing	210636.35	Method	IP/RC/WLS	
Project No	G22069	Level	229.89 mAOD	Termination Reason	Artesian water encountered	

Sheet 2 of 4



S1-BH107 3.00 m to 4.00 m



S1-BH107 4.00 m to 5.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 0.70m depth. Dynamic sampling from 0.70m to 4.00m depth. Rotary coring from 4.00m to 8.00m depth.		Exploratory Hole S1-BH107
Project	Global Centre of Rail Excellence	Easting	284280.50	Equipment	Insulated Hand Tools/Berretta T44	
Client	Walters UK Limited	Northing	210636.35	Method	IP/RC/WLS	
Project No	G22069	Level	229.89 mAOD	Termination Reason	Artesian water encountered	



S1-BH107 5.00 m to 6.00 m



S1-BH107 6.00 m to 7.00 m

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 0.70m depth. Dynamic sampling from 0.70m to 4.00m depth. Rotary coring from 4.00m to 8.00m depth.		Exploratory Hole S1-BH107
Project	Global Centre of Rail Excellence	Easting	284280.50	Equipment	Insulated Hand Tools/Berretta T44	Sheet 4 of 4
Client	Walters UK Limited	Northing	210636.35	Method	IP/RC/WLS	
Project No	G22069	Level	229.89 mAOD	Termination Reason	Artesian water encountered	



S1-BH107 7.00 m to 8.00 m

Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time		Depth	Casing Depth	Water Depth	S1-BH107B
30/01/2023 08:08		0.00			
30/01/2023 16:25		7.00	4.00	1.70	
31/01/2023 07:30		7.00	4.00	1.40	
31/01/2023 16:30		18.00	4.00	1.00	
01/02/2023 07:29		18.00	4.00	1.00	
01/02/2023 16:00		18.00	4.00	Dry	
02/02/2023 07:31		18.00	4.50	1.10	
02/02/2023 14:00		18.00	4.50	1.10	
Sheet 1 of 4					
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
1.20	18.00	Air/Mist	Grey black	100%	4.50 18.00	168mm 146mm	4.50	168mm			30/01/2023 13:03 31/01/2023 15:55	4.00 4.00	4.00 15.50		1.70 1.00	20mins 20mins	
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Triple Tube		Core Barrel Length			1.50	

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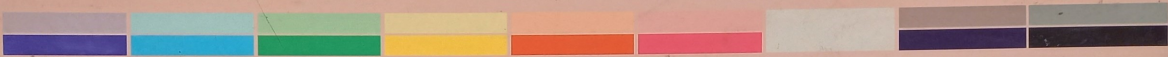
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		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Hand excavated inspection pit from GL to 1.20m depth. Dynamic sampling from 1.20m to 4.00m depth. Rotary coring from 4.00m to 18.00m depth. Packer installed at 14.50m depth and borehole grouted above to surface.		Exploratory Hole S1-BH107B
Project	Global Centre of Rail Excellence	Easting	284294.04	Equipment	Insulated hand tools/Beretta T44	Sheet 1 of 6
Client	Walters UK Limited	Northing	210641.69	Method	IP/RC/DS	
Project No	G22069	Level	229.96 mAOD	Termination Reason	Mine workings encountered.	

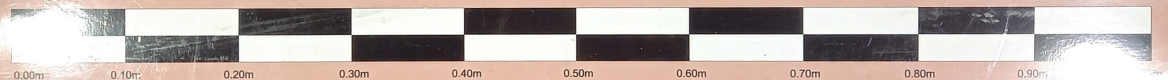
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

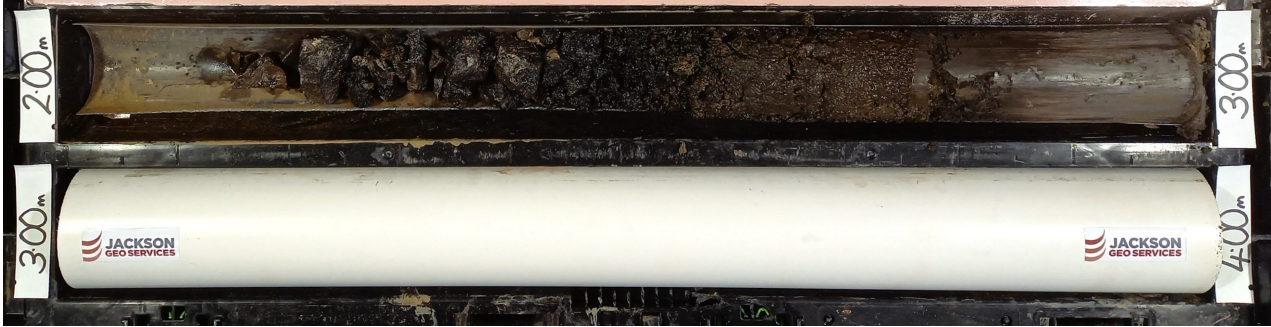
Email: team@jacksongeo.co.uk
Telephone: 02920 099 769





Project Name	GCRE	Project Number	G22069
Client	WALTERS UK	Date	1 FEB 2023
Exploratory Hole Number	SI-BH107B	Box / Face Number	
Depth (m) from	2.00 to 3.00	Engineer	A



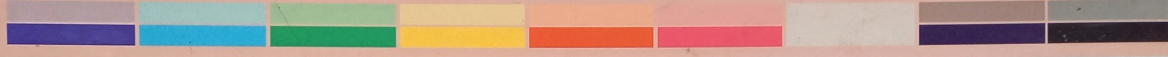


S1-BH107B 2.00 m to 3.00 m

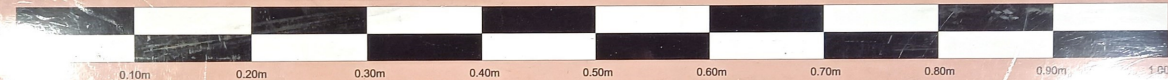
Jackson Geoservices
Unit B3, Fram Enterprise Centre
Parc Busnes Edwards, Llantrisant
Pontyclun, CF72 8QZ

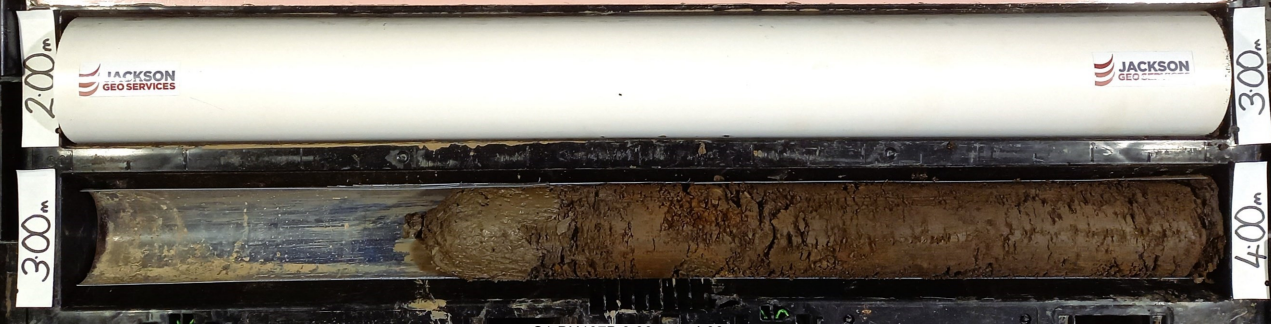
Email: team@jacksongeo.co.uk
Telephone: 02920 099 769





Project Name	GCRE	Project Number	G22069
Client	WALTERS UK	Date	1 FEB 2023
Exploratory Hole Number	SI-BH107B	Box / Face Number	
Depth (m) from	3.00 to 4.00	Engineer	A





S1-BH107B 3.00 m to 4.00 m