

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH208
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282057.38	Equipment	Insulated hand tools/Cornacchio 305	Sheet 2 of 3
Client	Walters UK Ltd	Northing	211971.49	Method	IP/RO/RC	
Project No	G23012	Level	220.46 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	12 MAY 2023
Exploratory Hole Number	S2-BH208	Box / Face Number	
Depth (m) from	34.50 to 36.00	Engineer	A





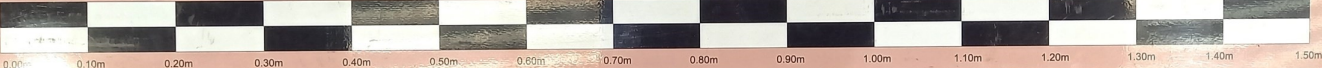
S2-BH208 34.50 m to 36.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	12 MAY 2023
Exploratory Hole Number	S2-BH208	Box / Face Number	
Depth (m) from	36.00 to 37.50	Engineer	A





S2-BH208 36.00 m to 37.50 m

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH208
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282057.38	Equipment	Insulated hand tools/Cornacchio 305	
Client	Walters UK Ltd	Northing	211971.49	Method	IP/RO/RC	
Project No	G23012	Level	220.46 mAOD	Termination Reason	Scheduled depth	

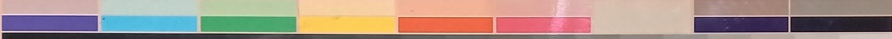
Sheet 3 of 3

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	12 MAY 2023
Exploratory Hole Number	S2-BH208	Box / Face Number	
Depth (m) from	37.50 to 39.00	Engineer	A





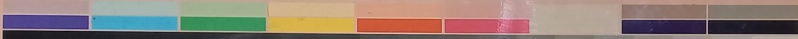
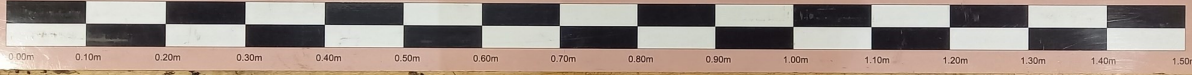

S2-BH208 37.50 m to 39.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	12 MAY 2023
Exploratory Hole Number	S2-BH208	Box / Face Number	
Depth (m) from	37.50 to 39.00	Engineer	A



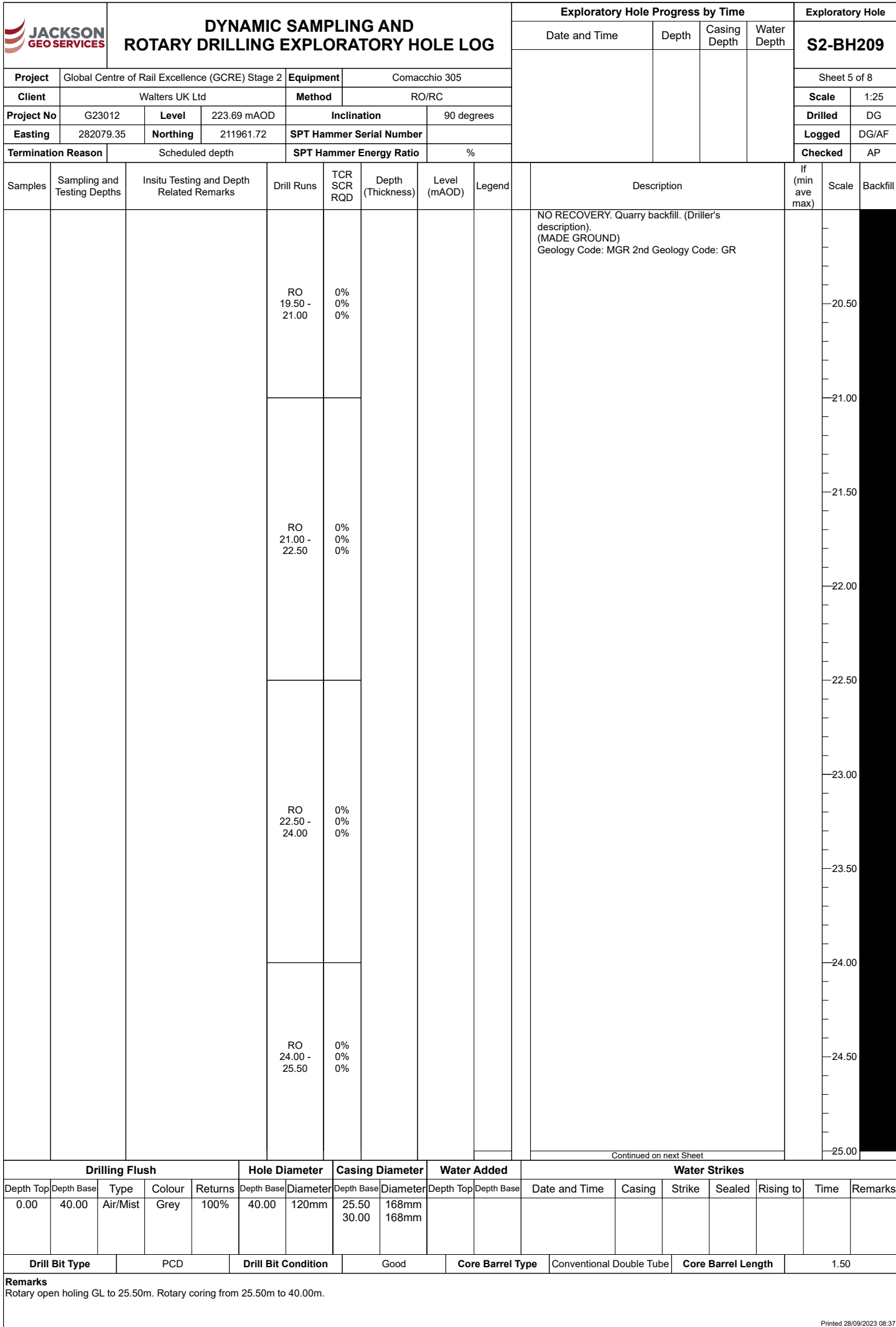
S2-BH208 39.00 m to 40.50 m

		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG						Exploratory Hole Progress by Time				Exploratory Hole					
								Date and Time		Depth	Casing Depth	Water Depth	S2-BH209				
Project	Global Centre of Rail Excellence (GCRE) Stage 2			Equipment	Comacchio 305			18/05/2023 08:00		0.00	25.50	Dry Dry 34.00 34.00 34.00	Sheet 1 of 8				
Client	Walters UK Ltd			Method	RO/RC			18/05/2023 16:30		27.00	25.50		Scale	1:25			
Project No	G23012	Level	223.69 mAOD	Inclination		90 degrees		19/05/2023 08:00		27.00	25.50		Drilled	DG			
Easting	282079.35	Northing	211961.72	SPT Hammer Serial Number				22/05/2023 08:00		34.50	30.00		Logged	DG/AF			
Termination Reason		Scheduled depth		SPT Hammer Energy Ratio		%		22/05/2023 14:00		40.00	30.00		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			
	0.00 - 1.20	No inspection pit due to engineered fill.		RO 0.00 - 1.50	0% 0% 0%	0.00			NO RECOVERY. Quarry backfill. (Driller's description). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR				0.50				
				RO 1.50 - 3.00	0% 0% 0%							1.00					
				RO 3.00 - 4.50	0% 0% 0%							1.50					
												2.00					
													2.50				
													3.00				
													3.50				
													4.00				
													4.50				
													5.00				
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	40.00	Air/Mist	Grey	100%	40.00	120mm	25.50	168mm									
							30.00	168mm									
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50			
Remarks Rotary open holing GL to 25.50m. Rotary coring from 25.50m to 40.00m.																	
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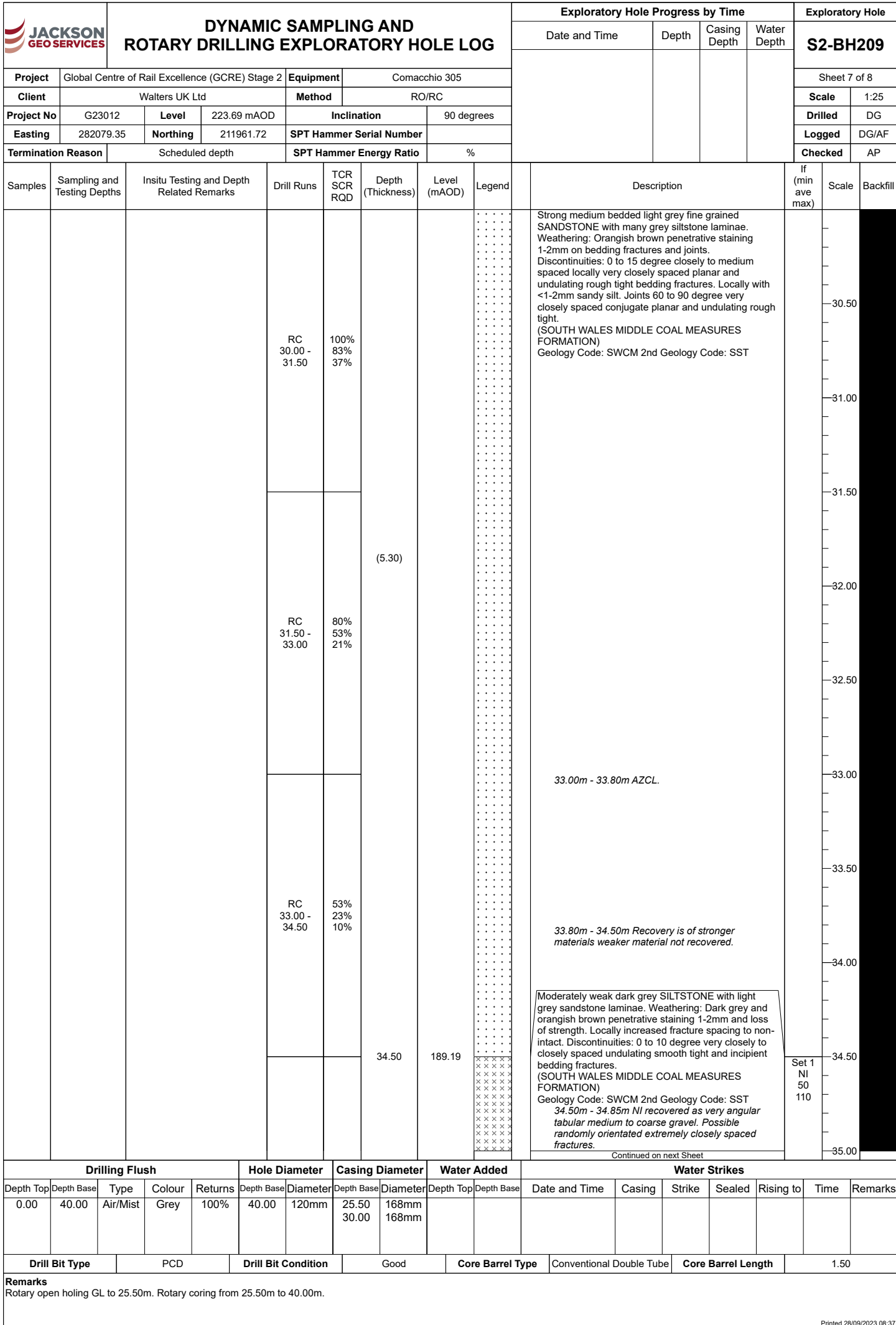
		DYNAMIC SAMPLING AND ROTARY DRILLING EXPLORATORY HOLE LOG										Exploratory Hole Progress by Time				Exploratory Hole		
												Date and Time		Depth	Casing Depth	Water Depth	S2-BH209	
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Comacchio 305				Sheet 2 of 8						
Client		Walters UK Ltd				Method		RO/RC				Scale	1:25					
Project No		G23012		Level		223.69 mAOD		Inclination		90 degrees		Drilled	DG					
Easting		282079.35		Northing		211961.72		SPT Hammer Serial Number				Logged	DG/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. Quarry backfill. (Driller's description). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR							
						RO 6.00 - 7.50	0% 0% 0%											
						RO 7.50 - 9.00	0% 0% 0%											
						RO 9.00 - 10.50	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	40.00	Air/Mist	Grey	100%	40.00	120mm	25.50 30.00	168mm 168mm										
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50				
Remarks Rotary open holing GL to 25.50m. Rotary coring from 25.50m to 40.00m.																		
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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-BH209				
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Comacchio 305				Sheet 6 of 8					
Client		Walters UK Ltd				Method		RO/RC				Scale 1:25					
Project No		G23012		Level		223.69 mAOD		Inclination		90 degrees		Drilled DG					
Easting		282079.35		Northing		211961.72		SPT Hammer Serial Number				Logged DG/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			
								25.50	198.19		NO RECOVERY. Quarry backfill. (Driller's description). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR						
											Very strong medium to thickly bedded light grey fine to medium grained SANDSTONE. Weathering: Dark grey black non penetrative staining on bedding fractures. Localised zones of increased fracture spacing due to subvertical conjugate joints. Discontinuities: 0 to 20 degree closely spaced stepped smooth tight bedding fractures locally with <1-2mm silty fine sand infill. Joints 60 to 90 degree very closely spaced planar and stepped rough tight. (SOUTH WALES MIDDLE COAL MEASURES FORMATION) Geology Code: SWCM 2nd Geology Code: SST 25.50m - 27.00m Partial recovery. Core loss presumed to be more weathered/ weaker material.	Set 1 NI 20 65	25.50				
						RC 25.50 - 27.00	33% 20% 20%						26.00				
								(3.00)			27.00m - 27.30m NI recovered as angular tabular gravel of strong sandstone.		26.50				
													27.00				
													27.50				
						RC 27.00 - 28.50	100% 50% 43%						28.00				
								28.50	195.19		Very weak dark grey SILTSTONE with many light grey sandstone laminae. Weathering: Dark grey non penetrative staining on bedding fractures. Locally orangish brown penetrative staining <1mm on joints. Discontinuities: 15 to 20 degree very closely to closely spaced undulating smooth tight and incipient with <1mm silt infill. (SOUTH WALES MIDDLE COAL MEASURES FORMATION) Geology Code: SWCM 2nd Geology Code: SST	Set 1 NI 10 20	28.50				
								(0.70)					29.00				
						RC 28.50 - 30.00	100% 47% 13%	29.20	194.49		Strong medium bedded light grey fine grained SANDSTONE with many grey siltstone laminae. Weathering: Orangish brown penetrative staining 1-2mm on bedding fractures and joints. Discontinuities: 0 to 15 degree closely to medium spaced locally very closely spaced planar and undulating rough tight bedding fractures. Locally with <1-2mm sandy silt. Joints 60 to 90 degree very closely spaced conjugate planar and undulating rough tight. (SOUTH WALES MIDDLE COAL MEASURES FORMATION) Geology Code: SWCM 2nd Geology Code: SST	Set 1 NI 100 210	29.50				
											Continued on next Sheet		30.00				
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	40.00	Air/Mist	Grey	100%	40.00	120mm	25.50 30.00	168mm									
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50			
Remarks Rotary open holing GL to 25.50m. Rotary coring from 25.50m to 40.00m.																	



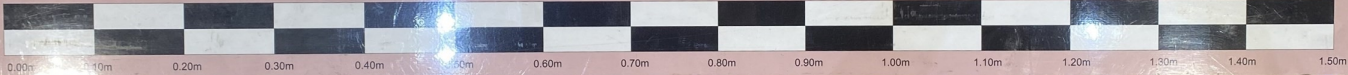
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282079.35	Equipment	Comacchio 305	Sheet 1 of 5
Client	Walters UK Ltd	Northing	211961.72	Method	RO/RC	
Project No	G23012	Level	223.69 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	25.50 to 27.00	Engineer	RF

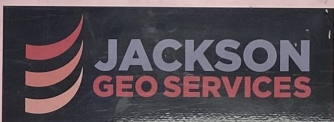




S2-BH209 25.50 m to 27.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	27.00 to 28.50	Engineer	RF





S2-BH209 27.00 m to 28.50 m

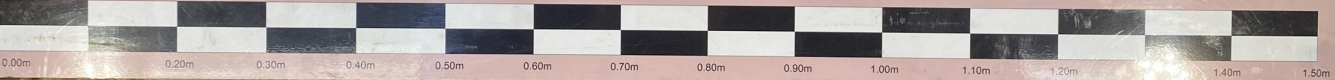
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282079.35	Equipment	Comacchio 305	Sheet 2 of 5
Client	Walters UK Ltd	Northing	211961.72	Method	RO/RC	
Project No	G23012	Level	223.69 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	2850 to 30.00	Engineer	RF



S2-BH209 28.50 m to 30.00 m

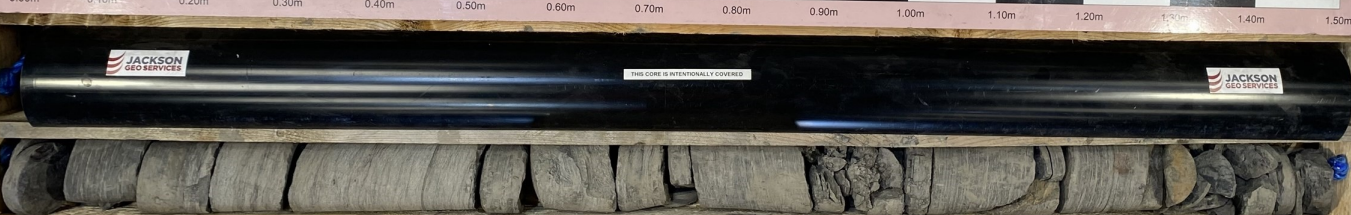
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	30.00 to 31.50	Engineer	RF



S2-BH209 30.00 m to 31.50 m

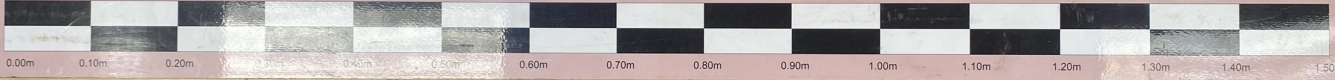
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						S2-BH209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282079.35	Equipment	Comacchio 305	Sheet 3 of 5
Client	Walters UK Ltd	Northing	211961.72	Method	RO/RC	
Project No	G23012	Level	223.69 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	3150 to 3300	Engineer	RF





S2-BH209 31.50 m to 33.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	3300 to 3450	Engineer	RF





S2-BH209 33.00 m to 34.50 m

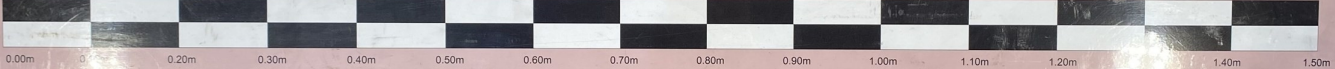
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						S2-BH209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282079.35	Equipment	Comacchio 305	Sheet 4 of 5
Client	Walters UK Ltd	Northing	211961.72	Method	RO/RC	
Project No	G23012	Level	223.69 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	34.50 to 36.00	Engineer	RF



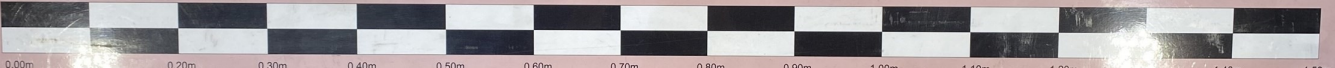
S2-BH209 34.50 m to 36.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	36.00 to 37.50	Engineer	RF



S2-BH209 36.00 m to 37.50 m

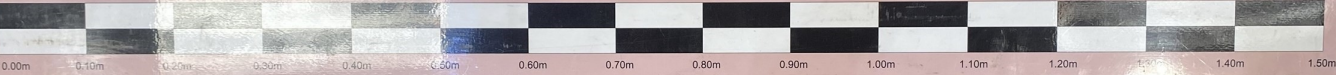
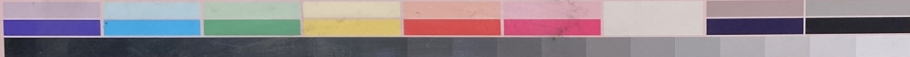
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						S2-BH209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282079.35	Equipment	Comacchio 305	Sheet 5 of 5
Client	Walters UK Ltd	Northing	211961.72	Method	RO/RC	
Project No	G23012	Level	223.69 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	3750 to 3900	Engineer	RF





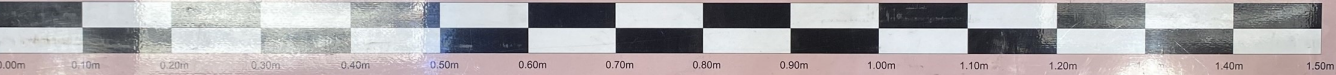
S2-BH209 37.50 m to 39.00 m

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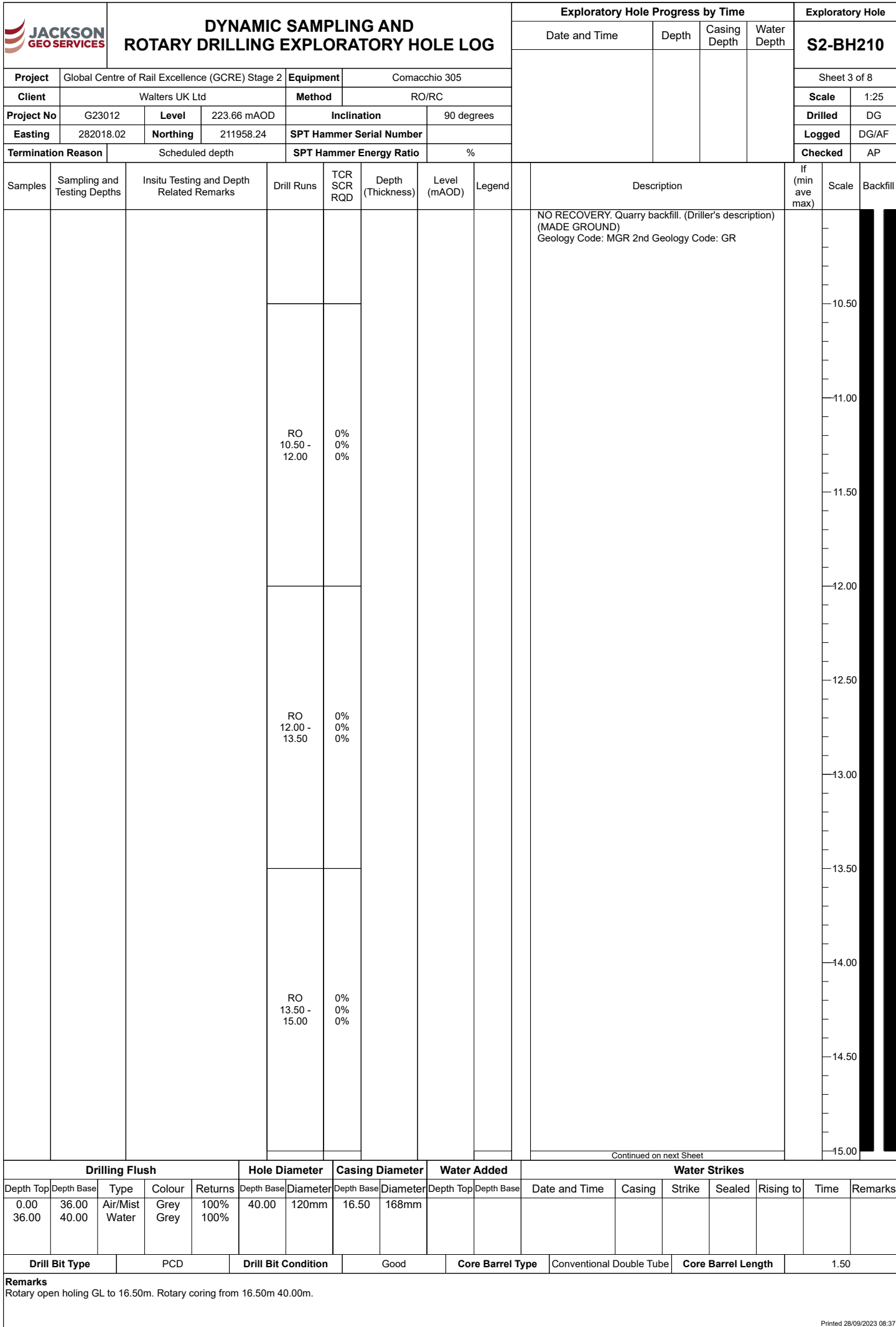
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Client	WALTERS GROUP	Date	25 MAY 2023
Exploratory Hole Number	S2-BH209	Box / Face Number	
Depth (m) from	3900 to 4000	Engineer	RF

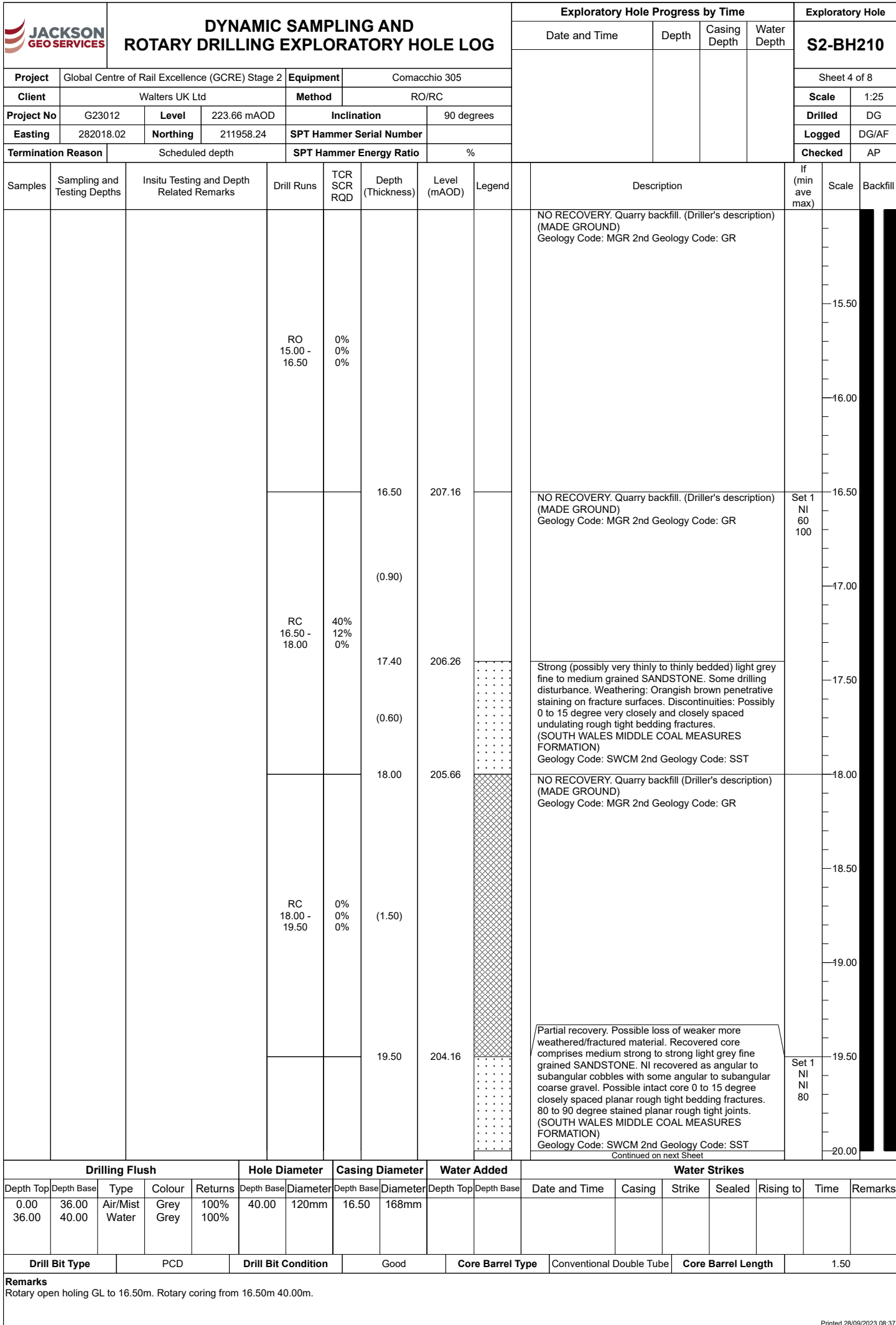


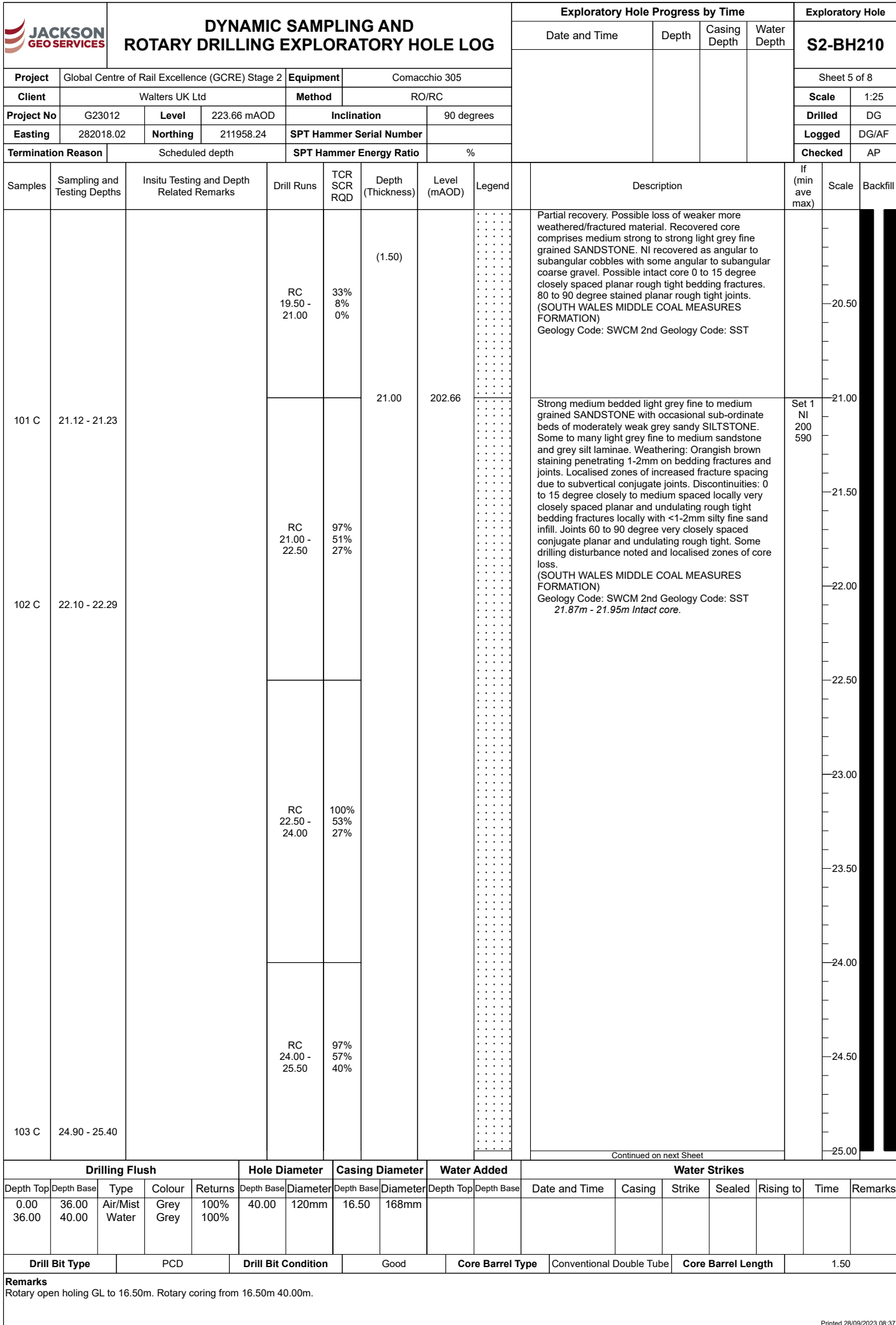


S2-BH209 39.00 m to 40.00 m

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-BH210				
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Comacchio 305				Sheet 2 of 8					
Client		Walters UK Ltd				Method		RO/RC				Scale	1:25				
Project No		G23012		Level		223.66 mAOD		Inclination		90 degrees		Drilled	DG				
Easting		282018.02		Northing		211958.24		SPT Hammer Serial Number				Logged	DG/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. Quarry backfill. (Driller's description) (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR						
						RO 6.00 - 7.50	0% 0% 0%										
						RO 7.50 - 9.00	0% 0% 0%	(16.50)									
						RO 9.00 - 10.50	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	36.00	Air/Mist Water	Grey Grey	100% 100%	40.00	120mm	16.50	168mm									
Drill Bit Type		PCD		Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length		1.50			
Remarks Rotary open holing GL to 16.50m. Rotary coring from 16.50m 40.00m.																	
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Exploratory Hole Progress by Time				Exploratory Hole	
Date and Time	Depth	Casing Depth	Water Depth	S2-BH210	
				Sheet 8 of 8	
				Scale	1:25
				Drilled	DG
				Logged	DG/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	36.00	Air/Mist	Grey	100%	40.00	120mm	16.50	168mm									
36.00	40.00	Water	Grey	100%													
Drill Bit Type		PCD			Drill Bit Condition		Good		Core Barrel Type		Conventional Double Tube		Core Barrel Length			1.50	

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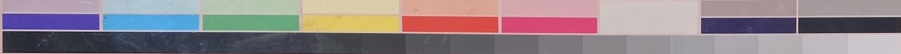
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 1 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	16.50 to 18.00	Engineer	RF



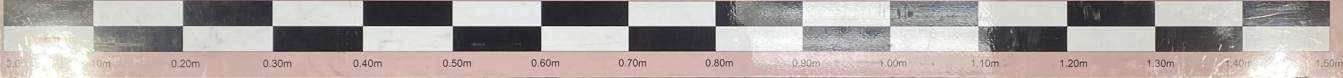
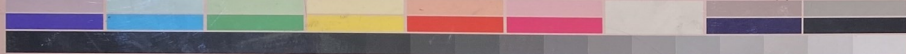
S2-BH210 16.50 m to 18.00 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	19.50 to 21.00	Engineer	RF



S2-BH210 19.50 m to 21.00 m

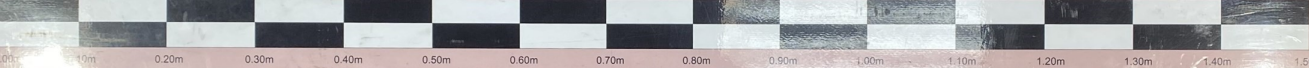
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 2 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	21.00 to 22.50	Engineer	RF



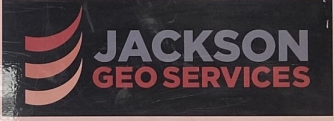


21.00m 22.50m

S2-BH210 21.00 m to 22.50 m

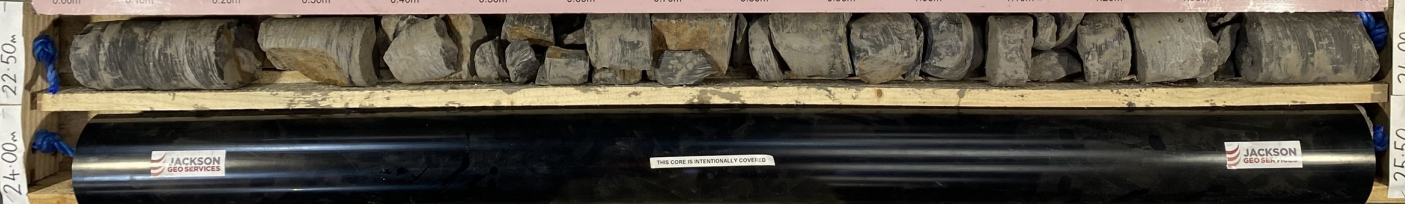
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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	22.50 to 24.00	Engineer	RF





22.50m 24.00m

S2-BH210 22.50 m to 24.00 m

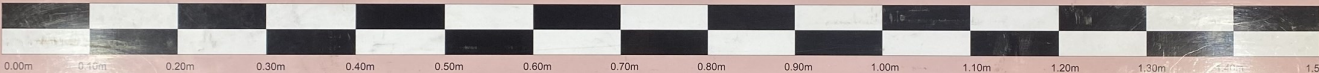
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 3 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	24.00 to 25.50	Engineer	RF





S2-BH210 24.00 m to 25.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	25.50 to 27.00	Engineer	RF





S2-BH210 25.50 m to 27.00 m

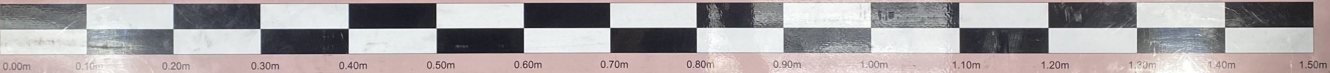
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 4 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	27.00 to 28.50	Engineer	RF

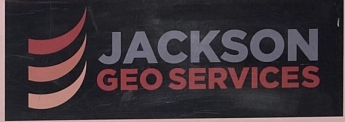




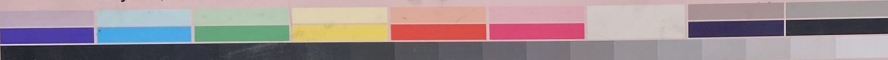
S2-BH210 27.00 m to 28.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	28.50 to 30.00	Engineer	RF





S2-BH210 28.50 m to 30.00 m

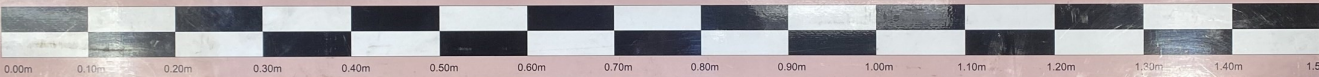
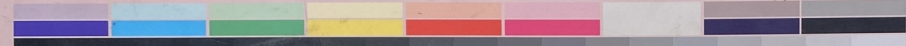
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 5 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	30.00 to 31.50	Engineer	RF

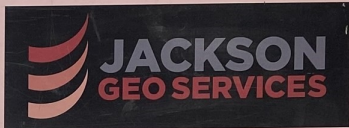




S2-BH210 30.00 m to 31.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	31.50 to 33.00	Engineer	RF



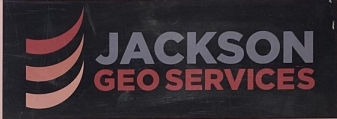


S2-BH210 31.50 m to 33.00 m

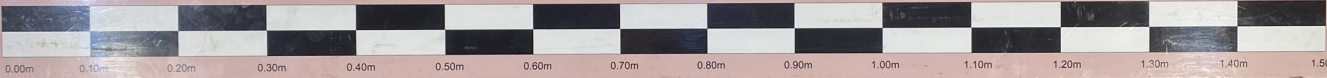
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 6 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	33.00 to 34.50	Engineer	RF





33.00m

34.50m

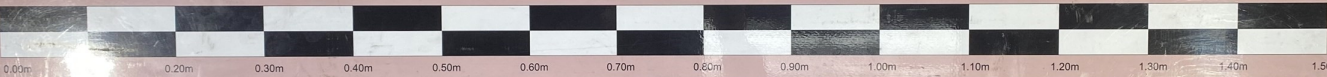
S2-BH210 33.00 m to 34.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	34.50 to 36.00	Engineer	RF





34.50m

36.00m

S2-BH210 34.50 m to 36.00 m

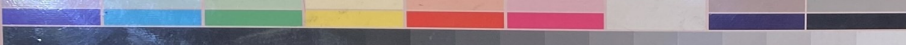
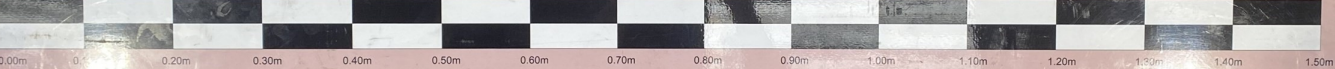
		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 7 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	36.00 to 37.50	Engineer	RF



S2-BH210 36.00 m to 37.50 m

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Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	37.50 to 39.00	Engineer	RF






S2-BH210 37.50 m to 39.00 m

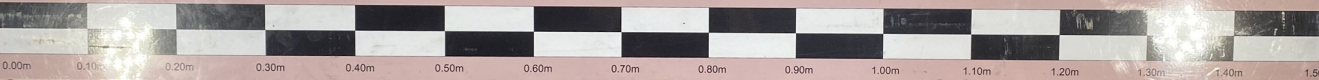
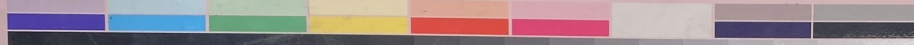
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						S2-BH210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	282018.02	Equipment	Comacchio 305	Sheet 8 of 8
Client	Walters UK Ltd	Northing	211958.24	Method	RO/RC	
Project No	G23012	Level	223.66 mAOD	Termination Reason	Scheduled depth	

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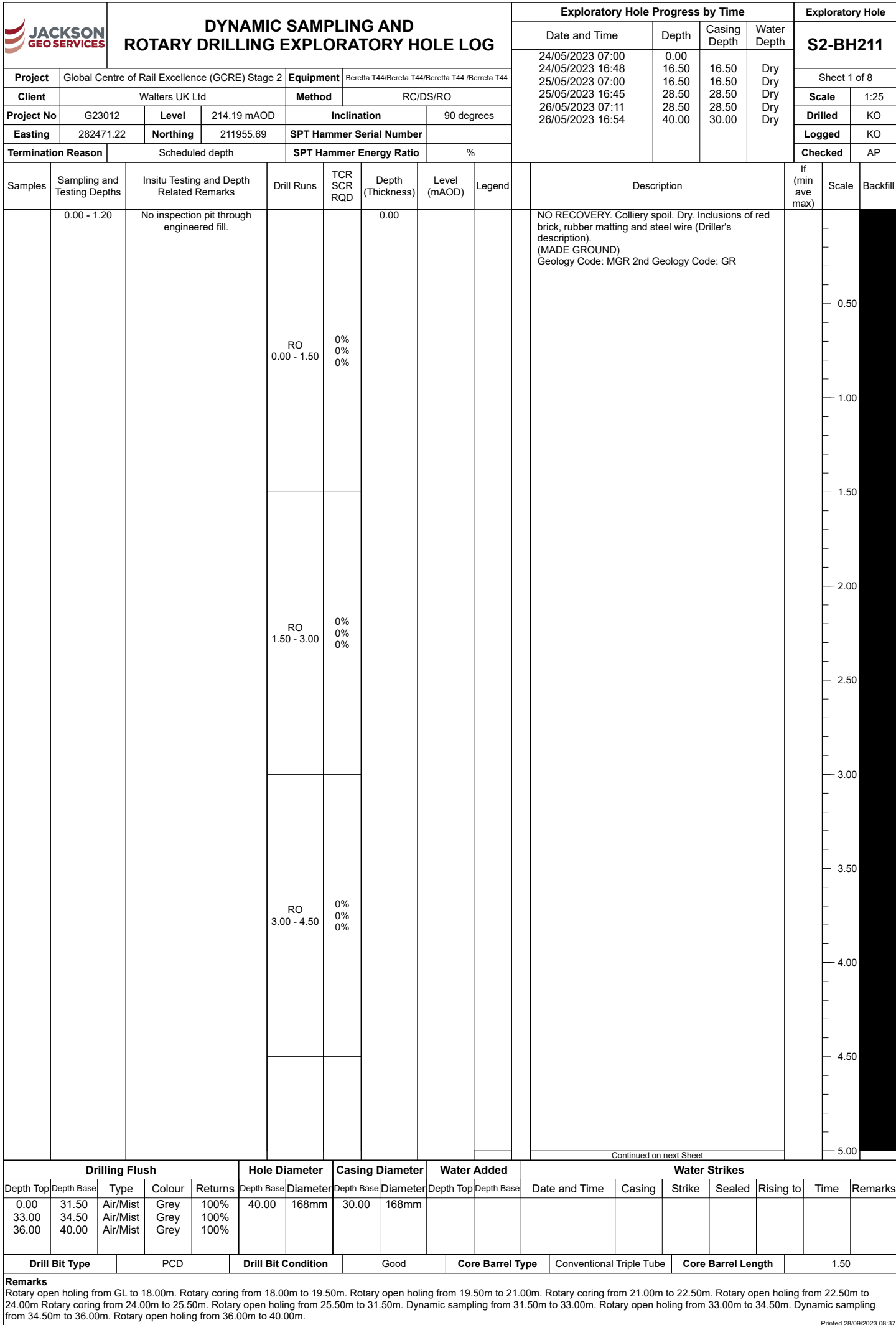


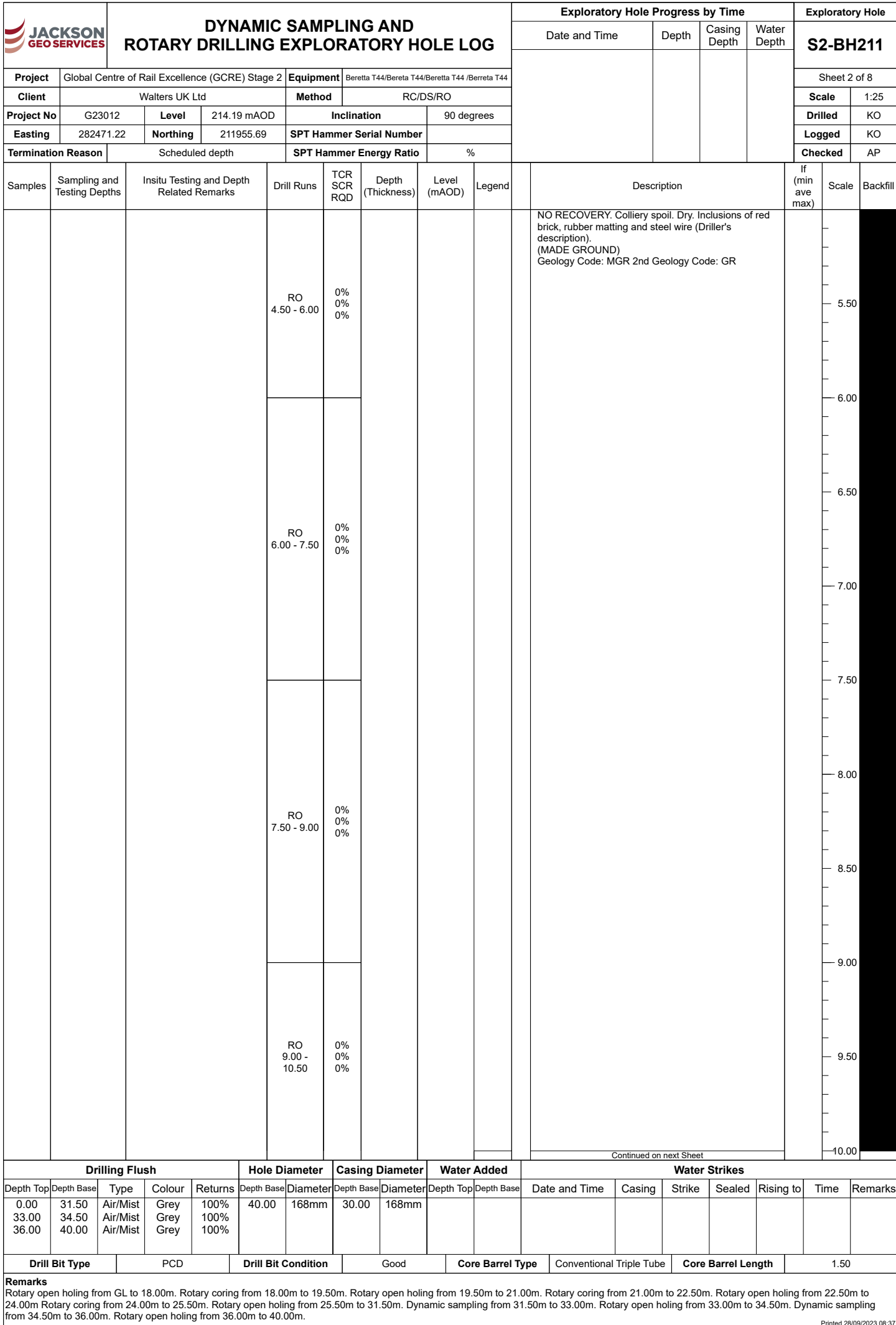
Project Name	GCRE STAGE 2	Project Number	G23012
Client	WALTERS GROUP	Date	19 MAY 2023
Exploratory Hole Number	S2-BH210	Box / Face Number	
Depth (m) from	39.00 to 40.00	Engineer	RF





S2-BH210 39.00 m to 40.00 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-BH211				
Project		Global Centre of Rail Excellence (GCRE) Stage 2				Equipment		Beretta T44/Bereta T44/Beretta T44 /Berreta T44				Sheet 3 of 8					
Client		Walters UK Ltd				Method		RC/DS/RO				Scale	1:25				
Project No		G23012		Level		214.19 mAOD		Inclination		90 degrees		Drilled	KO				
Easting		282471.22		Northing		211955.69		SPT Hammer Serial Number				Logged	KO				
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. Dry. Inclusions of red brick, rubber matting and steel wire (Driller's description). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR						
						RO 10.50 - 12.00	0% 0% 0%							10.50			
														11.00			
														11.50			
														12.00			
														12.50			
						RO 12.00 - 13.50	0% 0% 0%							13.00			
														13.50			
														14.00			
														14.50			
						RO 13.50 - 15.00	0% 0% 0%							15.00			
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 boring from GL to 18.00m. Rotary coring from 18.00m to 19.50m. Rotary open boring from 19.50m to 21.00m. Rotary coring from 21.00m to 22.50m. Rotary open boring from 22.50m to 24.00m. Rotary coring from 24.00m to 25.50m. Rotary open boring from 25.50m to 31.50m. Dynamic sampling from 31.50m to 33.00m. Rotary open boring from 33.00m to 34.50m. Dynamic sampling from 34.50m to 36.00m. Rotary open boring from 36.00m to 40.00m.

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