

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281567.97	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211642.11	Method	TP
Project No	G23012	Level	248.54 mAOD	Termination Reason	Terminated due to collapse



S2-TP207 Face C



S2-TP207 Face A

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281567.97	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211642.11	Method	TP
Project No	G23012	Level	248.54 mAOD	Termination Reason	Terminated due to collapse

Sheet 2 of 4



S2-TP207 Pre Excavation



S2-TP207 Face B

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281567.97	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211642.11	Method	TP
Project No	G23012	Level	248.54 mAOD	Termination Reason	Terminated due to collapse



S2-TP207 Spoil



S2-TP207 Face D

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP207	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281567.97	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211642.11	Method	TP
Project No	G23012	Level	248.54 mAOD	Termination Reason	Terminated due to collapse

Sheet 4 of 4



S2-TP207 Spoil

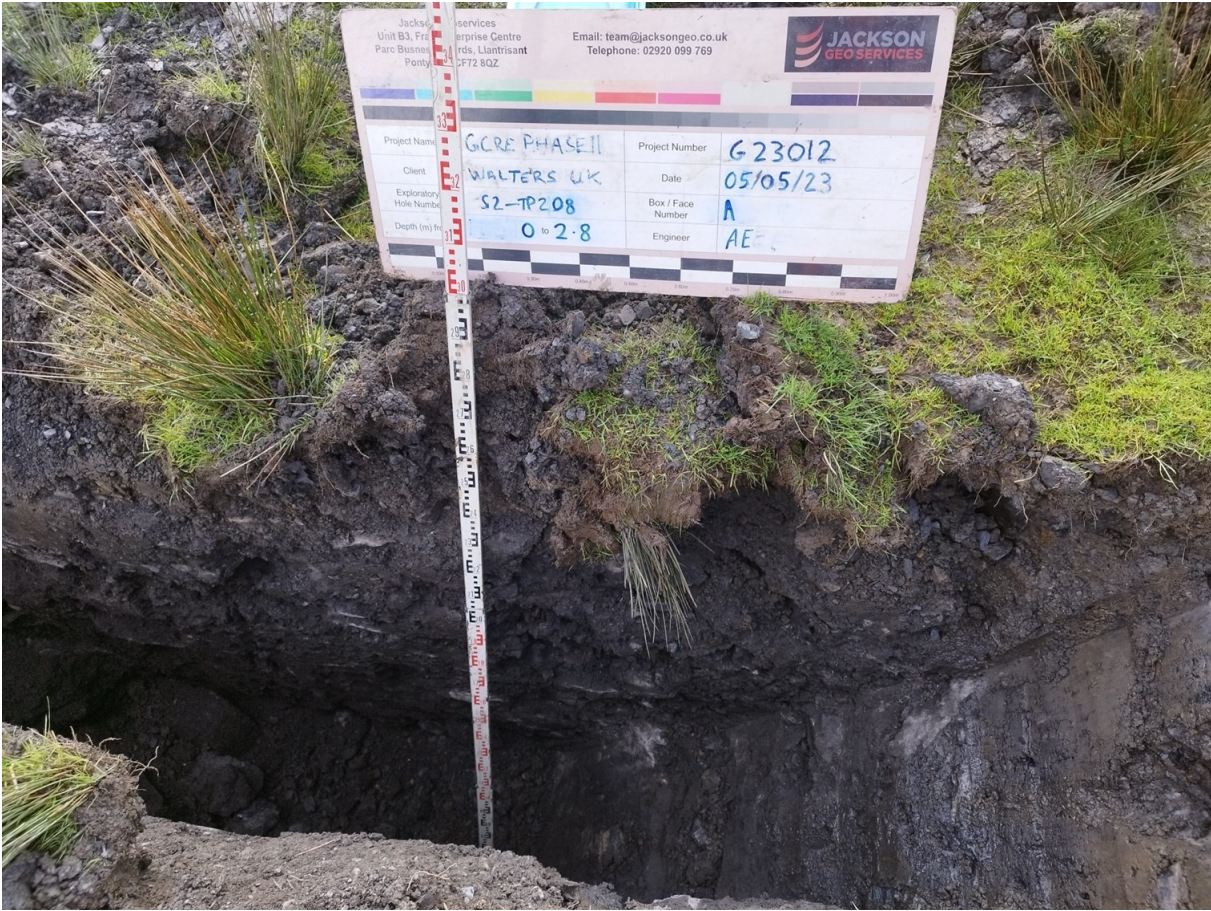


S2-TP207 Post Excavation

		TRIAL PIT EXPLORATORY HOLE LOG						Exploratory Hole Progress by Time			Exploratory Hole					
								Date and Time		Depth	Water Depth	S2-TP208				
								05/05/2023 08:40 05/05/2023 09:20		0.00 2.80	Dry					
Project	Global Centre of Rail Excellence (GCRE) Stage 2				Equipment	JCB 220X Ic		Sheet 1 of 1		Scale 1:20						
Client	Walters UK Ltd				Method	TP										
Project No	G23012	Level	267.26 mAOD		Orientation		30 degrees		Logged		AE					
Easting	283772.23	Northing	211574.07		Length		4.00		Checked		AP					
Termination Reason		Unable to progress through boulders				Width		0.60								
Samples	Sampling and Testing Depths		Insitu Testing and Depth Related Remarks		Depth (Thickness)	Level (mAOD)	Legend	Description			Scale	Backfill				
1 ES	0.20 - 0.30				0.00			Stiff brownish grey sandy gravelly CLAY with medium cobble content. Gravel is angular to subangular frequently tabular fine to coarse of siltstone, mudstone and rare coal. Cobbles are angular to subrounded of medium strong siltstone (130×80×60mm). Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: CL			0.50					
2 D 3 ES	0.50 - 0.60 0.50 - 0.60				(0.70)											
4 ES	0.90 - 1.00				0.70	266.56		Grey slightly sandy clayey angular to subangular fine to coarse GRAVEL of siltstone and mudstone with high cobble content and high boulder content. Cobbles are angular to subangular of moderately weak mudstone and medium strong siltstone (170×140×60mm). Boulders are subangular to subrounded of medium strong siltstone (greater than 1m). Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR			1.00					
5 B	1.20 - 1.50															
6 ES	1.90 - 2.00				(2.10)			End of Exploratory Hole at 2.80m			2.50					
7 B	2.20 - 2.50															
						264.46					3.00					
										3.50						
										4.00						
Weather	Intermittent heavy rain.							Water Strikes								
Shoring	None							Date and Time					Strike	Rising to	Time	Remarks
Stability	Stable															
Remarks Machine excavated from ground level to 2.80m																

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP208	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283772.23	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211574.07	Method	TP
Project No	G23012	Level	267.26 mAOD	Termination Reason	Unable to progress through boulders

Sheet 1 of 4



S2-TP208 Face A



S2-TP208 Face C

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP208
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283772.23	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	211574.07	Method	TP	
Project No	G23012	Level	267.26 mAOD	Termination Reason	Unable to progress through boulders	



S2-TP208 Post Excavation



S2-TP208 Face B

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP208
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283772.23	Equipment	JCB 220X 1c	Sheet 3 of 4
Client	Walters UK Ltd	Northing	211574.07	Method	TP	
Project No	G23012	Level	267.26 mAOD	Termination Reason	Unable to progress through boulders	



S2-TP208 Spoil



S2-TP208 Face D

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP208
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283772.23	Equipment	JCB 220X 1c	Sheet 4 of 4
Client	Walters UK Ltd	Northing	211574.07	Method	TP	
Project No	G23012	Level	267.26 mAOD	Termination Reason	Unable to progress through boulders	



S2-TP208 Pre Excavation

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	284014.30	Equipment	JCB 220X 1c	Sheet 1 of 4
Client	Walters UK Ltd	Northing	211524.70	Method	TP	
Project No	G23012	Level	254.71 mAOD	Termination Reason	Scheduled depth	



S2-TP209 Face D



S2-TP209 Face A

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	284014.30	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	211524.70	Method	TP	
Project No	G23012	Level	254.71 mAOD	Termination Reason	Scheduled depth	



S2-TP209 Spoil



S2-TP209 Post Excavation

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP209
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	284014.30	Equipment	JCB 220X 1c	Sheet 3 of 4
Client	Walters UK Ltd	Northing	211524.70	Method	TP	
Project No	G23012	Level	254.71 mAOD	Termination Reason	Scheduled depth	



S2-TP209 Pre Excavation



S2-TP209 Face B



EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

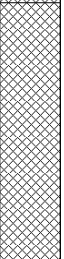
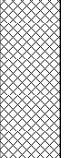
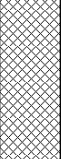
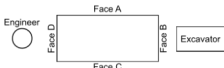
S2-TP209

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	284014.30	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211524.70	Method	TP
Project No	G23012	Level	254.71 mAOD	Termination Reason	Scheduled depth

Sheet 4 of 4

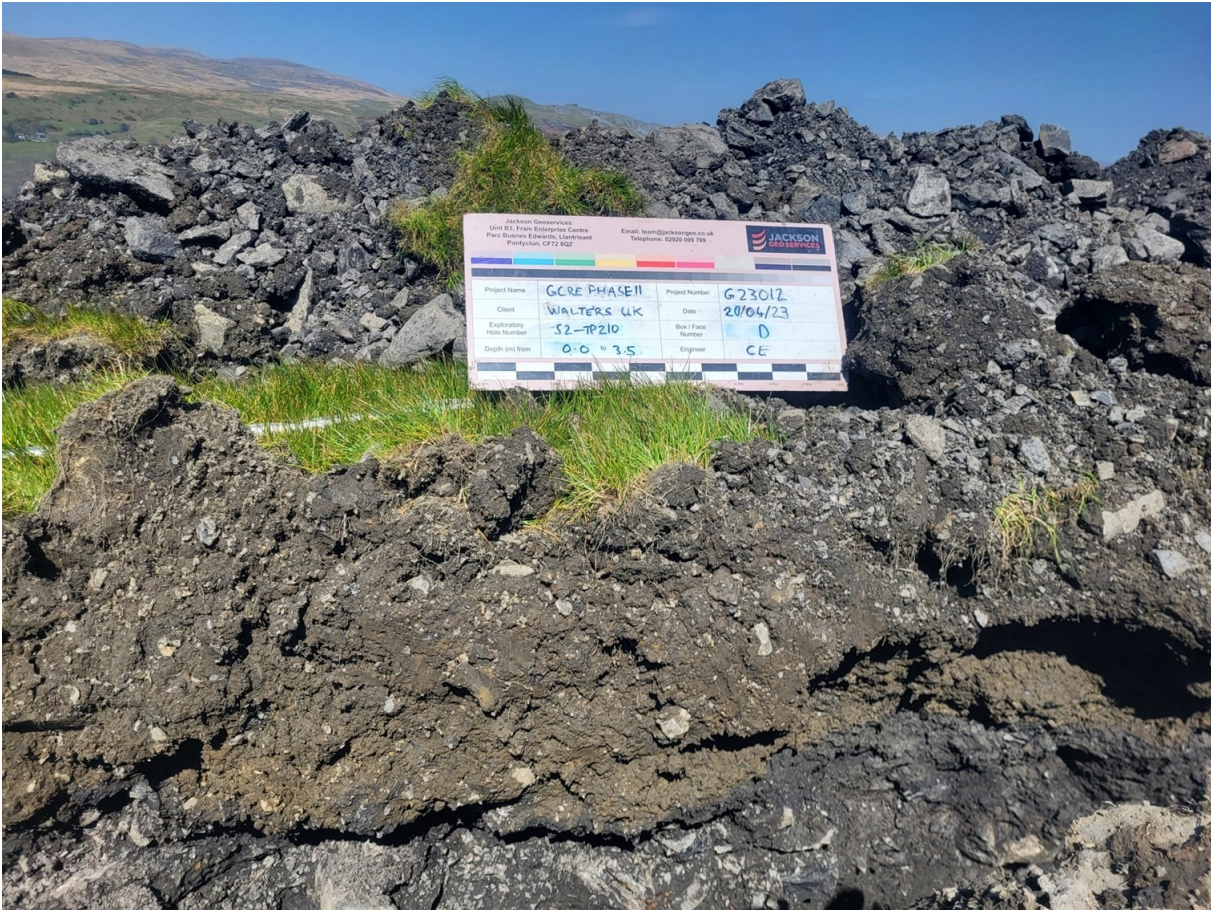


S2-TP209 Face C

		TRIAL PIT EXPLORATORY HOLE LOG						Exploratory Hole Progress by Time			Exploratory Hole				
								Date and Time		Depth	Water Depth	S2-TP210			
								20/04/2023 14:00 20/04/2023 14:50		0.00 3.50	Dry				
Project	Global Centre of Rail Excellence (GCRE) Stage 2				Equipment	JCB 220X 1c				Sheet 1 of 1					
Client	Walters UK Ltd				Method	TP				Scale	1:20				
Project No	G23012	Level	302.68 mAOD		Orientation		85 degrees				Logged	CE			
Easting	281736.17	Northing	211493.23		Length		5.00				Checked	AP			
Termination Reason		Scheduled depth			Width		0.60								
Samples	Sampling and Testing Depths	Insitu Testing and Depth Related Remarks		Depth (Thickness)	Level (mAOD)	Legend	Description				Scale	Backfill			
1 ES 2 D	0.20 - 0.30 0.20 0.30 - 0.50	PID: 0.0ppmv		0.00 (0.50)	302.18		Soft to firm dark grey sandy gravelly silty CLAY with high cobble content and medium boulder content. Gravel is angular and subangular fine to coarse of siltstone, sandstone and rare mudstone. Cobbles (200x120x70mm) and boulders (600x500x500mm) of angular medium strong siltstone and sandstone. Sand is fine and medium. (MADE GROUND) Geology Code: MGR 2nd Geology Code: CL				0.50				
3 ES	0.50 - 0.60 0.50	PID: 0.0ppmv		0.50			Dark grey sandy clayey angular and subangular fine to coarse GRAVEL of siltstone, sandstone and mudstone with high cobble content and high boulder content. Cobbles (200x120x70mm) and boulders (630x500x500mm) are angular of medium strong siltstone and sandstone. Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR								
4 ES 5 B	0.90 - 1.00 0.90 - 1.10 0.90 1.10	PID: 0.0ppmv Large boulder. Pit extended towards face D		(3.00)							1.00				
6 ES 7 B	1.90 - 2.00 1.90 - 2.10 1.90	PID: 0.0ppmv									2.00				
8 ES 9 B	2.90 - 3.00 2.90 - 3.10 2.90	PID: 0.0ppmv						3.00	3.50						
End of Exploratory Hole at 3.50m											4.00				
Weather	Sunny, windy	Trial Pit Excavation Onsite Layout 					Water Strikes								
Shoring	None						Date and Time					Strike	Rising to	Time	Remarks
Stability	Collapse GL-3.50m Faces A and C.						Log presents Face A unless otherwise noted.								
Remarks Machine excavated trial pit from GL to 3.50m															

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 JACKSON GEO SERVICES		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281736.17	Equipment	JCB 220X 1c	Sheet 1 of 4
Client	Walters UK Ltd	Northing	211493.23	Method	TP	
Project No	G23012	Level	302.68 mAOD	Termination Reason	Scheduled depth	



S2-TP210 Face B

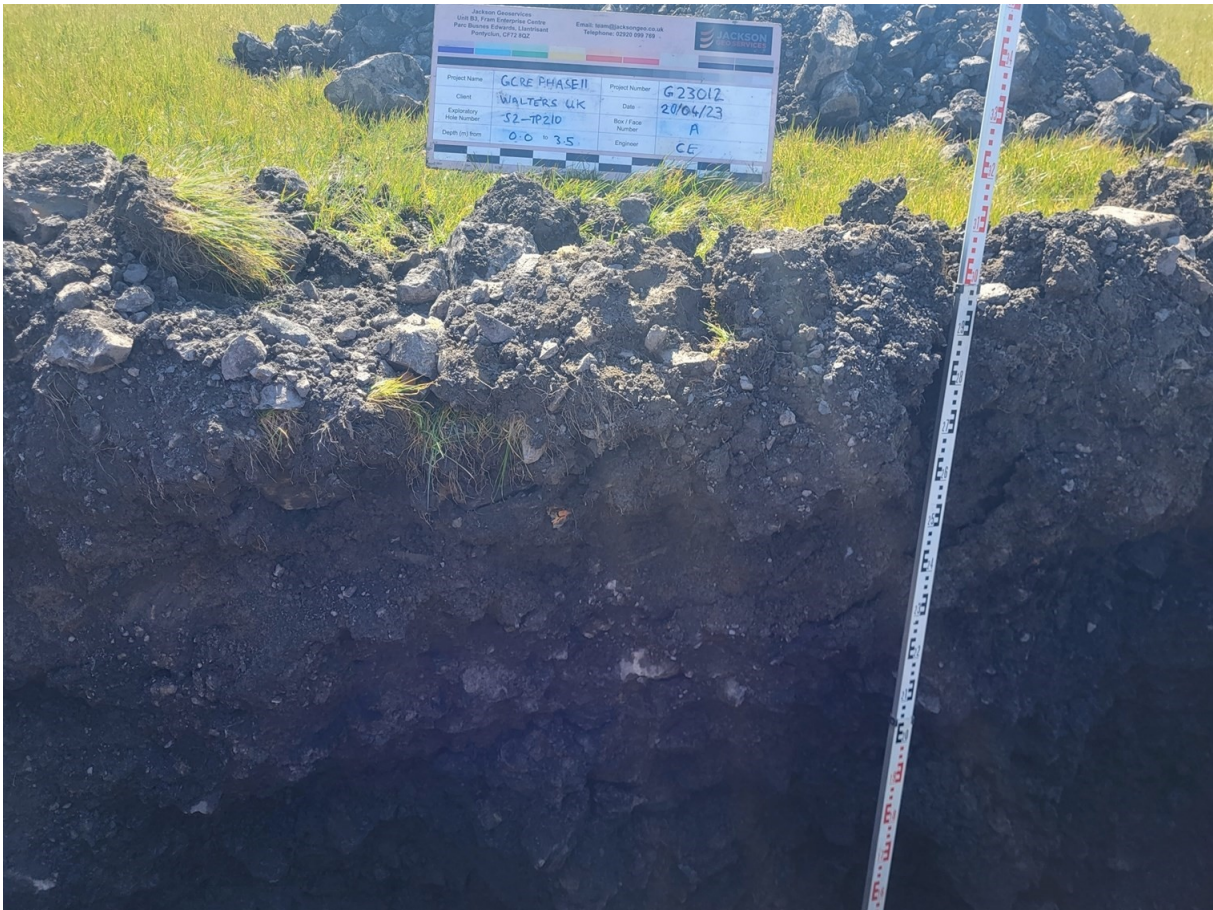


S2-TP210 Pre Excavation

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281736.17	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	211493.23	Method	TP	
Project No	G23012	Level	302.68 mAOD	Termination Reason	Scheduled depth	



S2-TP210 Face C



S2-TP210 Face A

 JACKSON GEO SERVICES		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP210
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	281736.17	Equipment	JCB 220X 1c	Sheet 3 of 4
Client	Walters UK Ltd	Northing	211493.23	Method	TP	
Project No	G23012	Level	302.68 mAOD	Termination Reason	Scheduled depth	



S2-TP210 Face D



S2-TP210 Post Excavation