

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283177.16	Equipment	JCB 220X 1c	Sheet 5 of 5
Client	Walters UK Ltd	Northing	211309.10	Method	TP	
Project No	G23012	Level	294.55 mAOD	Termination Reason	Scheduled depth	



S2-TP226 Spoil



S2-TP226 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP227	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283081.09	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211306.96	Method	TP
Project No	G23012	Level	293.73 mAOD	Termination Reason	Terminated due to collapse

Sheet 1 of 3



S2-TP227 Face A



S2-TP227 Pre Excavation

		EXPLORATORY HOLE PHOTOGRAPHS			Exploratory Hole	
					S2-TP227	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283081.09	Equipment	JCB 220X 1c	Sheet 2 of 3
Client	Walters UK Ltd	Northing	211306.96	Method	TP	
Project No	G23012	Level	293.73 mAOD	Termination Reason	Terminated due to collapse	



S2-TP227 Face C



S2-TP227 Face D

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283081.09	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211306.96	Method	TP
Project No	G23012	Level	293.73 mAOD	Termination Reason	Terminated due to collapse



S2-TP227 Face B



S2-TP227 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP228	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283939.79	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211295.00	Method	TP
Project No	G23012	Level	257.71 mAOD	Termination Reason	Unable to progress through boulders

Sheet 1 of 4



S2-TP228 Face B



S2-TP228 Face A

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP228	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283939.79	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211295.00	Method	TP
Project No	G23012	Level	257.71 mAOD	Termination Reason	Unable to progress through boulders

Sheet 2 of 4



S2-TP228 Spoil

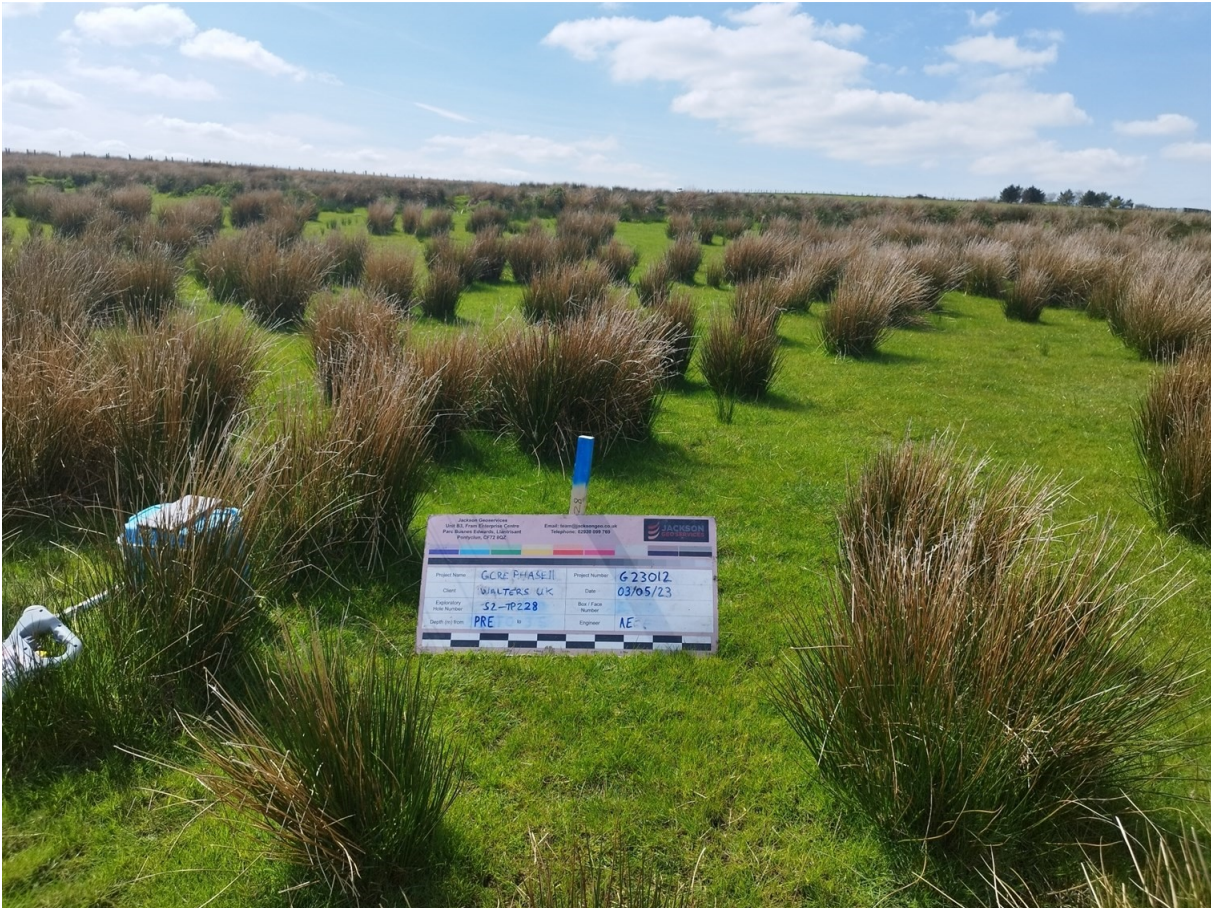


S2-TP228 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP228
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283939.79	Equipment	JCB 220X 1c	Sheet 3 of 4
Client	Walters UK Ltd	Northing	211295.00	Method	TP	
Project No	G23012	Level	257.71 mAOD	Termination Reason	Unable to progress through boulders	



S2-TP228 Post Excavation



S2-TP228 Pre Excavation

EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

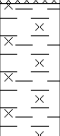
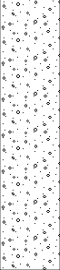
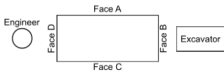
S2-TP228

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283939.79	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211295.00	Method	TP
Project No	G23012	Level	257.71 mAOD	Termination Reason	Unable to progress through boulders

Sheet 4 of 4



S2-TP228 Face D

				TRIAL PIT EXPLORATORY HOLE LOG				Exploratory Hole Progress by Time			Exploratory Hole				
Date and Time		Depth	Water Depth					S2-TP229							
19/04/2018 14:05 19/04/2023 13:15		4.00 0.00	Dry												
Project	Global Centre of Rail Excellence (GCRE) Stage 2			Equipment	JCB 220X Ic			Sheet 1 of 1							
Client	Walters UK Ltd			Method	TP			Scale		1:20					
Project No	G23012	Level	293.66 mAOD	Orientation		280 degrees		Logged		CE					
Easting	283134.46	Northing	211285.93	Length		4.80		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	0.20 - 0.30 0.20	PID: 0.4ppmv		0.00			Brown and brownish grey very sandy angular to subrounded fine to coarse GRAVEL of siltstone and sandstone with high cobble and boulder content. Cobbles (200 x 150 x 100mm) are angular of medium strong siltstone and sandstone. Boulders (550mm x 300mm x 300mm) are angular and subangular of medium strong siltstone and sandstone. Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR 0.00m - 0.10m Grey and clayey			0.50					
2 B	0.40 - 0.60														
3 ES	0.50 - 0.60 0.50	PID: 9.0ppmv													
4 B	0.90 - 1.00 0.90	PID: 4.9ppmv		(2.70)			2.00m - 2.70m Brownish grey			1.00					
5 B	1.40 - 1.60														
6 ES	1.90 - 2.00 1.90	PID: 3.1ppmv													
7 B	2.50 - 2.70			2.70	290.96		Firm grey mottled bluish grey silty CLAY with subangular possible lithorelicts of very weak siltstone (up to 20mm). (Possible WEATHERED SOUTH WALES COAL MEASURES) Geology Code: SWCM 2nd Geology Code: CL			2.50					
8 D	2.80 - 2.90														
	3.00 3.00 3.00	HV: P: 80kPa R: 54kPa HV: P: 82kPa R: 52kPa HV: P: 82kPa R: 58kPa													
9 ES	3.20 - 3.30 3.20	PID: 2.1ppmv		3.20	290.46		Brown sandy slightly silty angular fine to coarse GRAVEL of mudstone and siltstone with medium cobble content. Cobbles (150mm x 70mm x 30mm) are angular of very weak to moderately weak mudstone and siltstone. Sand is medium. (Possible WEATHERED SOUTH WALES COAL MEASURES) Geology Code: SWCM 2nd Geology Code: GR			3.00					
10 B	3.40 - 3.60														
				(0.80)			End of Exploratory Hole at 4.00m			3.50					
				289.66						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-2.70m Faces A and C						Log presents Face A unless otherwise noted.								
Remarks															
Machine excavated trial pit from GL to 4.00m															
Printed 28/09/2023 08:05															

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283134.46	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211285.93	Method	TP
Project No	G23012	Level	293.66 mAOD	Termination Reason	Scheduled depth

Sheet 1 of 4



S2-TP229 Spoil



S2-TP229 Pre excavation

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP229	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283134.46	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211285.93	Method	TP
Project No	G23012	Level	293.66 mAOD	Termination Reason	Scheduled depth

Sheet 2 of 4



S2-TP229 Spoil



S2-TP229 Face C

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283134.46	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211285.93	Method	TP
Project No	G23012	Level	293.66 mAOD	Termination Reason	Scheduled depth



S2-TP229 Face D



S2-TP229 Face B

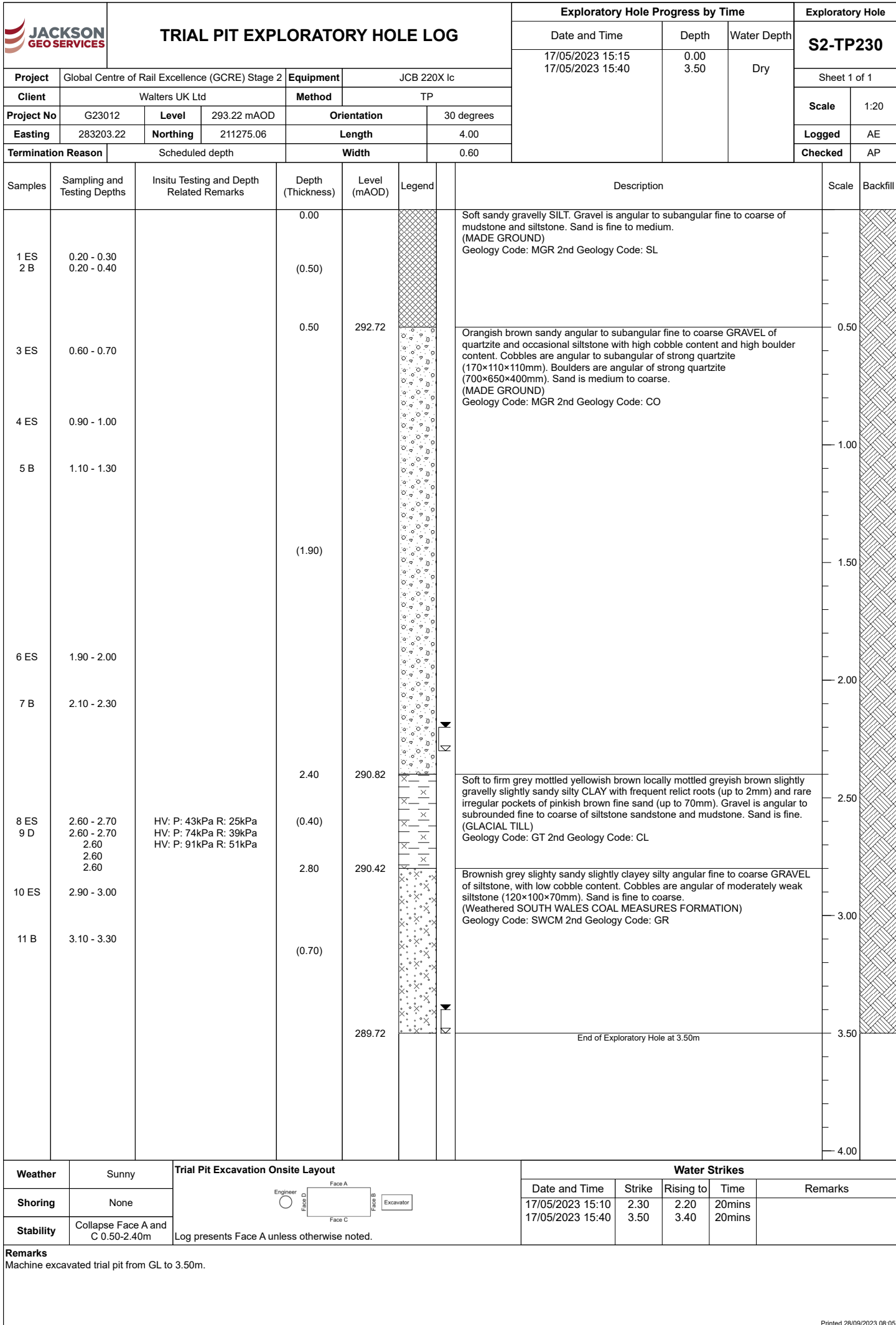
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283134.46	Equipment	JCB 220X 1c	Sheet 4 of 4
Client	Walters UK Ltd	Northing	211285.93	Method	TP	
Project No	G23012	Level	293.66 mAOD	Termination Reason	Scheduled depth	



S2-TP229 Face A



S2-TP229 Post Excavation



		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP230	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283203.22	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211275.06	Method	TP
Project No	G23012	Level	293.22 mAOD	Termination Reason	Scheduled depth

Sheet 1 of 4



S2-TP230 Face C



S2-TP230 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP230	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283203.22	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211275.06	Method	TP
Project No	G23012	Level	293.22 mAOD	Termination Reason	Scheduled depth

Sheet 2 of 4



S2-TP230 Face A



S2-TP230 Face D