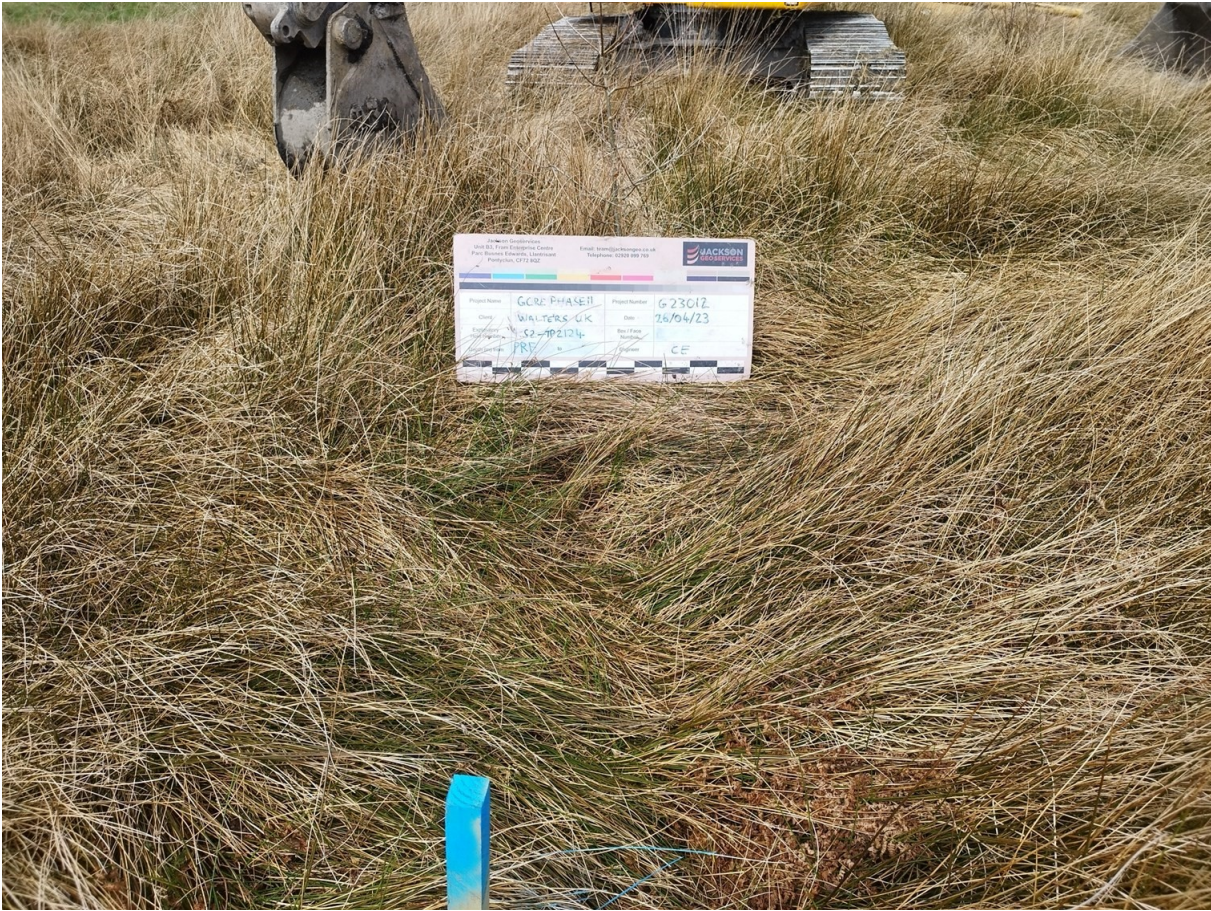


		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP2124
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	284049.39	Equipment	JCB 220X 1c	Sheet 3 of 3
Client	Walters UK Ltd	Northing	210477.16	Method		
Project No	G23012	Level	229.25 mAOD	Termination Reason	Unable to progress beyond 3.80m	



S2-TP2124 Pre Excavation



S2-TP2124 Post Excavation

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP2125	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283964.99	Equipment	JCB 220X lc
Client	Walters UK Ltd	Northing	210432.96	Method	TP
Project No	G23012	Level	227.77 mAOD	Termination Reason	Terminated due to collapse

Sheet 1 of 4



S2-TP2125 Face C



S2-TP2125 Post Excavation

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP2125
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283964.99	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	210432.96	Method	TP	
Project No	G23012	Level	227.77 mAOD	Termination Reason	Terminated due to collapse	



S2-TP2125 Spoil



S2-TP2125 Pre Excavation

EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

S2-TP2125

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283964.99	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	210432.96	Method	TP
Project No	G23012	Level	227.77 mAOD	Termination Reason	Terminated due to collapse

Sheet 3 of 4



S2-TP2125 Face D



S2-TP2125 Face B



EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

S2-TP2125

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283964.99	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	210432.96	Method	TP
Project No	G23012	Level	227.77 mAOD	Termination Reason	Terminated due to collapse

Sheet 4 of 4



S2-TP2125 Face A

				TRIAL PIT EXPLORATORY HOLE LOG				Exploratory Hole Progress by Time				Exploratory Hole					
Date and Time								Depth		Water Depth		S2-TP2126					
26/04/2023 09:00				0.00		2.20		Sheet 1 of 1		Scale 1:20							
26/04/2023 09:50				3.40													
Project		Global Centre of Rail Excellence (GCRE) Stage 2		Equipment		JCB 220X Ic		Logged CE		Checked AP							
Client		Walters UK Ltd		Method		TP											
Project No		G23012		Level		228.22 mAOD		Orientation		180 degrees							
Easting		283895.86		Northing		210418.03		Length		4.00							
Termination Reason		Terminated due to water strike.		Width		0.60											
Samples		Sampling and Testing Depths		Insitu Testing and Depth Related Remarks		Depth (Thickness)		Level (mAOD)		Legend							
1 ES		0.20 - 0.30				0.00		226.12									
2 B		0.40 - 0.60															
3 ES		0.50 - 0.60															
4 ES		0.90 - 1.00				(2.10)		224.92									
5 B		1.40 - 1.60															
6 ES		1.90 - 2.00															
7 B		2.40 - 2.60				2.10		224.82									
8 ES		2.90 - 3.00															
10 ES		3.30 - 3.40															
9 D		3.30 - 3.40				3.30 (0.10)											
										End of Exploratory Hole at 3.40m							
										3.50							
										4.00							
Weather		Overcast, dry		Trial Pit Excavation Onsite Layout				Water Strikes									
Shoring		None						Date and Time		Strike		Rising to		Time		Remarks	
Stability		Collapse 2.10-3.40m Faces A and C						26/04/2023 09:20		2.20		2.20		20mins		No rise	
Remarks																	
Machine excavated trial pit from GL to 3.40m																	

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP2126
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283895.86	Equipment	JCB 220X 1c	Sheet 1 of 4
Client	Walters UK Ltd	Northing	210418.03	Method	TP	
Project No	G23012	Level	228.22 mAOD	Termination Reason	Terminated due to water strike.	



S2-TP2126 Spoil



S2-TP2126 Face D

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP2126
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283895.86	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	210418.03	Method	TP	
Project No	G23012	Level	228.22 mAOD	Termination Reason	Terminated due to water strike.	



S2-TP2126 Face B



S2-TP2126 Pre Excavation

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283895.86	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	210418.03	Method	TP
Project No	G23012	Level	228.22 mAOD	Termination Reason	Terminated due to water strike.

Sheet 3 of 4



S2-TP2126 Post Excavation



S2-TP2126 Face C



EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

S2-TP2126

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283895.86	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	210418.03	Method	TP
Project No	G23012	Level	228.22 mAOD	Termination Reason	Terminated due to water strike.

Sheet 4 of 4



S2-TP2126 Face A

				TRIAL PIT EXPLORATORY HOLE LOG				Exploratory Hole Progress by Time			Exploratory Hole																																																																																																									
Date and Time		Depth		Water Depth		S2-TP213																																																																																																														
03/05/2023 09:30		03/05/2023 11:15		0.00		3.50		Wet		Sheet 1 of 1																																																																																																										
Project		Global Centre of Rail Excellence (GCRE) Stage 2		Equipment		JCB 220X Ic		Scale		1:20																																																																																																										
Client		Walters UK Ltd		Method		TP		Logged		AE																																																																																																										
Project No		G23012		Level		281.60 mAOD		Orientation		130 degrees																																																																																																										
Easting		283454.20		Northing		211490.12		Length		4.00																																																																																																										
Termination Reason		Scheduled depth		Width		0.60		Checked		AP																																																																																																										
<table><tr><td>Samples</td><td>Sampling and Testing Depths</td><td>Insitu Testing and Depth Related Remarks</td><td>Depth (Thickness)</td><td>Level (mAOD)</td><td>Legend</td><td>Description</td><td>Scale</td><td>Backfill</td></tr><tr><td>1 ES</td><td>0.20 - 0.30</td><td>PID: 0.0ppmv</td><td>0.00</td><td>281.40</td><td rowspan="2"></td><td>Soft greyish brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of siltstone and mudstone. Sand is fine. Frequent rootlets (up to 1mm). (MADE GROUND) Geology Code: MGR 2nd Geology Code: CL</td><td rowspan="2">0.50</td><td rowspan="2"></td></tr><tr><td>2 B</td><td>0.30 - 0.50</td><td></td><td>0.20</td><td></td><td>Greyish brown clayey sandy angular to subangular frequently tabular fine to coarse GRAVEL of siltstone and mudstone. Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR</td></tr><tr><td>3 ES</td><td>0.50 - 0.60</td><td>PID: 0.0ppmv</td><td>(0.60)</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4 D</td><td>0.90 - 1.00</td><td>PID: 0.0ppmv</td><td>0.80</td><td>280.80</td><td rowspan="2"></td><td>Soft to firm grey gravelly silty CLAY, with medium cobble content. Gravel is subangular to subrounded fine to coarse of siltstone mudstone and rare coal. Cobbles are subangular of weak mudstone and medium strong siltstone (140*99*55mm). (ALLUVIUM) Geology Code: PEAT 2nd Geology Code: CL</td><td rowspan="2">1.00</td><td rowspan="2"></td></tr><tr><td>5 ES</td><td>0.90 - 1.00</td><td></td><td>(0.50)</td><td></td><td></td></tr><tr><td>6 D</td><td>1.40 - 1.50</td><td>PID: 0.1ppmv</td><td>1.30</td><td>280.30</td><td rowspan="2"></td><td>Spongy dark reddish brown fibrous PEAT with frequent remnant plant material (up to 90mm). (PEAT) Geology Code: PEAT 2nd Geology Code: CL</td><td rowspan="2">1.50</td><td rowspan="2"></td></tr><tr><td>7 ES</td><td>1.40 - 1.50</td><td></td><td></td><td></td><td></td></tr><tr><td>8 D</td><td>2.00 - 2.10</td><td></td><td>(1.20)</td><td></td><td></td><td></td><td>2.00</td><td></td></tr><tr><td>9 D</td><td>2.60 - 2.70</td><td></td><td>2.50</td><td>279.10</td><td rowspan="2"></td><td>Firm grey locally mottled light grey slightly sandy gravelly CLAY with low boulder content. Gravel is angular to subrounded frequently tabular of siltstone and sandstone. Boulders are rounded of medium strong siltstone and sandstone (310x180x170mm). Sand is fine to medium. (GLACIAL TILL) Geology Code: GT 2nd Geology Code: CL</td><td rowspan="2">2.50</td><td rowspan="2"></td></tr><tr><td>10 D</td><td>3.10 - 3.20</td><td></td><td>(1.00)</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>278.10</td><td></td><td>End of Exploratory Hole at 3.50m</td><td>3.50</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.00</td><td></td></tr></table>												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	PID: 0.0ppmv	0.00	281.40		Soft greyish brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of siltstone and mudstone. Sand is fine. Frequent rootlets (up to 1mm). (MADE GROUND) Geology Code: MGR 2nd Geology Code: CL	0.50		2 B	0.30 - 0.50		0.20		Greyish brown clayey sandy angular to subangular frequently tabular fine to coarse GRAVEL of siltstone and mudstone. Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR	3 ES	0.50 - 0.60	PID: 0.0ppmv	(0.60)						4 D	0.90 - 1.00	PID: 0.0ppmv	0.80	280.80		Soft to firm grey gravelly silty CLAY, with medium cobble content. Gravel is subangular to subrounded fine to coarse of siltstone mudstone and rare coal. Cobbles are subangular of weak mudstone and medium strong siltstone (140*99*55mm). (ALLUVIUM) Geology Code: PEAT 2nd Geology Code: CL	1.00		5 ES	0.90 - 1.00		(0.50)			6 D	1.40 - 1.50	PID: 0.1ppmv	1.30	280.30		Spongy dark reddish brown fibrous PEAT with frequent remnant plant material (up to 90mm). (PEAT) Geology Code: PEAT 2nd Geology Code: CL	1.50		7 ES	1.40 - 1.50					8 D	2.00 - 2.10		(1.20)				2.00		9 D	2.60 - 2.70		2.50	279.10		Firm grey locally mottled light grey slightly sandy gravelly CLAY with low boulder content. Gravel is angular to subrounded frequently tabular of siltstone and sandstone. Boulders are rounded of medium strong siltstone and sandstone (310x180x170mm). Sand is fine to medium. (GLACIAL TILL) Geology Code: GT 2nd Geology Code: CL	2.50		10 D	3.10 - 3.20		(1.00)							278.10		End of Exploratory Hole at 3.50m	3.50									4.00	
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	PID: 0.0ppmv	0.00	281.40		Soft greyish brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of siltstone and mudstone. Sand is fine. Frequent rootlets (up to 1mm). (MADE GROUND) Geology Code: MGR 2nd Geology Code: CL	0.50																																																																																																													
2 B	0.30 - 0.50		0.20			Greyish brown clayey sandy angular to subangular frequently tabular fine to coarse GRAVEL of siltstone and mudstone. Sand is fine to coarse. (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR																																																																																																														
3 ES	0.50 - 0.60	PID: 0.0ppmv	(0.60)																																																																																																																	
4 D	0.90 - 1.00	PID: 0.0ppmv	0.80	280.80		Soft to firm grey gravelly silty CLAY, with medium cobble content. Gravel is subangular to subrounded fine to coarse of siltstone mudstone and rare coal. Cobbles are subangular of weak mudstone and medium strong siltstone (140*99*55mm). (ALLUVIUM) Geology Code: PEAT 2nd Geology Code: CL	1.00																																																																																																													
5 ES	0.90 - 1.00		(0.50)																																																																																																																	
6 D	1.40 - 1.50	PID: 0.1ppmv	1.30	280.30		Spongy dark reddish brown fibrous PEAT with frequent remnant plant material (up to 90mm). (PEAT) Geology Code: PEAT 2nd Geology Code: CL	1.50																																																																																																													
7 ES	1.40 - 1.50																																																																																																																			
8 D	2.00 - 2.10		(1.20)				2.00																																																																																																													
9 D	2.60 - 2.70		2.50	279.10		Firm grey locally mottled light grey slightly sandy gravelly CLAY with low boulder content. Gravel is angular to subrounded frequently tabular of siltstone and sandstone. Boulders are rounded of medium strong siltstone and sandstone (310x180x170mm). Sand is fine to medium. (GLACIAL TILL) Geology Code: GT 2nd Geology Code: CL	2.50																																																																																																													
10 D	3.10 - 3.20		(1.00)																																																																																																																	
				278.10		End of Exploratory Hole at 3.50m	3.50																																																																																																													
							4.00																																																																																																													
Weather		Sunny		Trial Pit Excavation Onsite Layout				Water Strikes																																																																																																												
Shoring		None						Date and Time																																																																																																												
Stability		Stable		Log presents Face A unless otherwise noted.				03/05/2023 09:45																																																																																																												
								Strike																																																																																																												
								0.80																																																																																																												
								Rising to																																																																																																												
								0.80																																																																																																												
								Time																																																																																																												
								20mins																																																																																																												
								Remarks																																																																																																												
								Seepage. Locally pooling.																																																																																																												
Remarks																																																																																																																				
Machine excavated trial pit from GL to 3.50m.																																																																																																																				

		EXPLORATORY HOLE PHOTOGRAPHS		Exploratory Hole	
				S2-TP213	
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283454.20	Equipment	JCB 220X 1c
Client	Walters UK Ltd	Northing	211490.12	Method	TP
Project No	G23012	Level	281.60 mAOD	Termination Reason	Scheduled depth

Sheet 1 of 4



S2-TP213 Spoil



S2-TP213 Spoil



EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

S2-TP213

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283454.20	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	211490.12	Method	TP	
Project No	G23012	Level	281.60 mAOD	Termination Reason	Scheduled depth	



S2-TP213 Face D



S2-TP213 Pre Excavation

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283454.20	Equipment	JCB 220X 1c	Sheet 3 of 4
Client	Walters UK Ltd	Northing	211490.12	Method	TP	
Project No	G23012	Level	281.60 mAOD	Termination Reason	Scheduled depth	



S2-TP213 Post Excavation



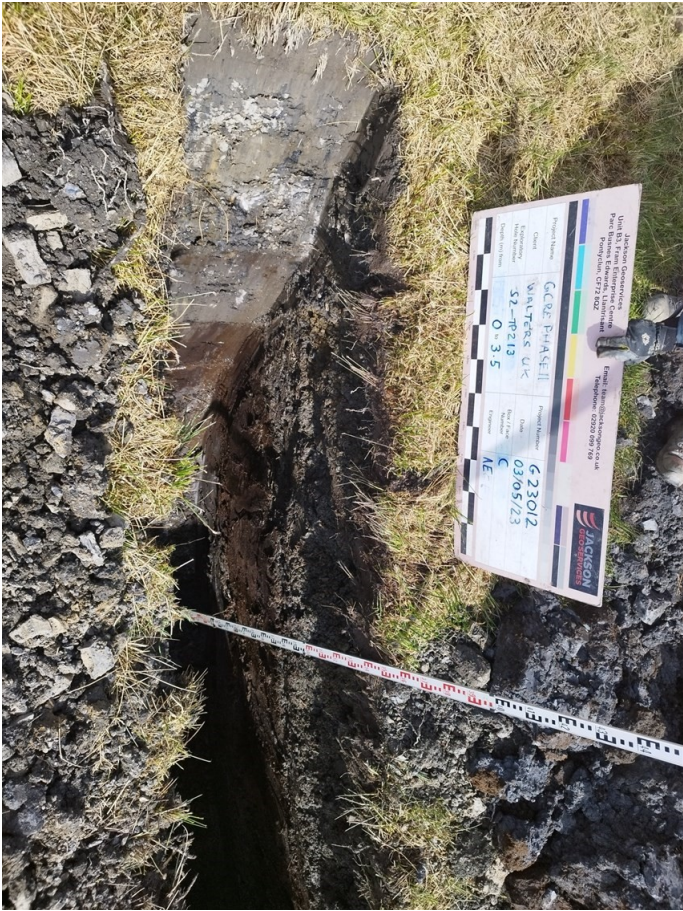
S2-TP213 Face A

EXPLORATORY HOLE PHOTOGRAPHS

Exploratory Hole

S2-TP213

Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283454.20	Equipment	JCB 220X 1c	Sheet 4 of 4
Client	Walters UK Ltd	Northing	211490.12	Method	TP	
Project No	G23012	Level	281.60 mAOD	Termination Reason	Scheduled depth	



S2-TP213 Face C



S2-TP213 Face B

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP214
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283016.60	Equipment	JCB 220X 1c	Sheet 1 of 4
Client	Walters UK Ltd	Northing	211430.26	Method	TP	
Project No	G23012	Level	289.48 mAOD	Termination Reason	Terminated due collapse	



S2-TP214 Face D



S2-TP214 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						S2-TP214
Project	Global Centre of Rail Excellence (GCRE) Stage 2	Easting	283016.60	Equipment	JCB 220X 1c	Sheet 2 of 4
Client	Walters UK Ltd	Northing	211430.26	Method	TP	
Project No	G23012	Level	289.48 mAOD	Termination Reason	Terminated due collapse	



S2-TP214 Face B



S2-TP214 Post Excavation