

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 3.50m		Exploratory Hole
						S1-TP111
Project	Global Centre of Rail Excellence	Easting	284432.79	Equipment	21 Tonne Tracked Excavator	Sheet 2 of 3
Client	Walters UK Limited	Northing	210649.48	Method	TP	
Project No	G22069	Level	231.25 mAOD	Termination Reason	Terminated on bedrock	



S1-TP111 Face A



S1-TP111 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 3.50m		Exploratory Hole
						S1-TP111
Project	Global Centre of Rail Excellence	Easting	284432.79	Equipment	21 Tonne Tracked Excavator	Sheet 3 of 3
Client	Walters UK Limited	Northing	210649.48	Method	TP	
Project No	G22069	Level	231.25 mAOD	Termination Reason	Terminated on bedrock	



S1-TP111 Face D

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 1.70m		Exploratory Hole
						S1-TP112
Project	Global Centre of Rail Excellence	Easting	284486.56	Equipment	21 Tonne Tracked Excavator	Sheet 1 of 3
Client	Walters UK Limited	Northing	210626.19	Method	TP	
Project No	G22069	Level	232.16 mAOD	Termination Reason	Water ingress and instability	



S1-TP112 Face B



S1-TP112 Face A

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 1.70m		Exploratory Hole
						S1-TP112
Project	Global Centre of Rail Excellence	Easting	284486.56	Equipment	21 Tonne Tracked Excavator	Sheet 2 of 3
Client	Walters UK Limited	Northing	210626.19	Method	TP	
Project No	G22069	Level	232.16 mAOD	Termination Reason	Water ingress and instability	



S1-TP112 Face C



S1-TP112 Face D

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 1.70m		Exploratory Hole
						S1-TP112
Project	Global Centre of Rail Excellence	Easting	284486.56	Equipment	21 Tonne Tracked Excavator	Sheet 3 of 3
Client	Walters UK Limited	Northing	210626.19	Method	TP	
Project No	G22069	Level	232.16 mAOD	Termination Reason	Water ingress and instability	



S1-TP112 Spoil

EXPLORATORY HOLE PHOTOGRAPHS

Remarks Machine excavated trial pit from GL to 4.00m	Exploratory Hole
	S1-TP113

Project	Global Centre of Rail Excellence	Easting	284528.96	Equipment	Komatsu PC 210 LC
Client	Walters UK Limited	Northing	210618.04	Method	TP
Project No	G22069	Level	233.00 mAOD	Termination Reason	Scheduled depth

Sheet 1 of 2



S1-TP113 Face D



S1-TP113 Face B

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 4.00m		Exploratory Hole
						S1-TP113
Project	Global Centre of Rail Excellence	Easting	284528.96	Equipment	Komatsu PC 210 LC	Sheet 2 of 2
Client	Walters UK Limited	Northing	210618.04	Method	TP	
Project No	G22069	Level	233.00 mAOD	Termination Reason	Scheduled depth	



S1-TP113 Face A



S1-TP113 Face C



EXPLORATORY HOLE PHOTOGRAPHS

Remarks Machine excavated trial pit from GL to 2.40m	Exploratory Hole
	S1-TP114

Project	Global Centre of Rail Excellence	Easting	284975.01	Equipment	21 Tonne Tracked Excavator	Sheet 1 of 3
Client	Walters UK Limited	Northing	210562.92	Method	TP	
Project No	G22069	Level	239.99 mAOD	Termination Reason	Water ingress and instability	



S1-TP114 Face D



S1-TP114 Face A

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 2.40m		Exploratory Hole
						S1-TP114
Project	Global Centre of Rail Excellence	Easting	284975.01	Equipment	21 Tonne Tracked Excavator	Sheet 2 of 3
Client	Walters UK Limited	Northing	210562.92	Method	TP	
Project No	G22069	Level	239.99 mAOD	Termination Reason	Water ingress and instability	



S1-TP114 Spoil

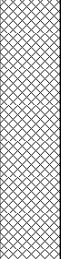
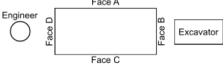


S1-TP114 Face B

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 2.40m		Exploratory Hole
						S1-TP114
Project	Global Centre of Rail Excellence	Easting	284975.01	Equipment	21 Tonne Tracked Excavator	Sheet 3 of 3
Client	Walters UK Limited	Northing	210562.92	Method	TP	
Project No	G22069	Level	239.99 mAOD	Termination Reason	Water ingress and instability	



S1-TP114 Face C

JACKSON GEO SERVICES				TRIAL PIT EXPLORATORY HOLE LOG				Exploratory Hole Progress by Time				Exploratory Hole	
								Date and Time		Depth	Water Depth	S1-TP115	
ProjectGlobal Centre of Rail Excellence				EquipmentKomatsu PC 210 LC		08/11/2022 09:54 08/11/2022 10:40		0.00 0.70	0.35	Sheet 1 of 1			
ClientWalters UK Limited				MethodTP						Scale	1:20		
Project NoG22069		Level230.63 mAOD		Orientation41 degrees						Logged	JP		
Easting284344.59		Northing210556.68		Length4.00						Checked	AP		
Termination Reason		Terminated due to water ingress		Width0.80									
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: 1.5ppmv	0.00	229.93		Black sandy silty angular to subangular fine to coarse GRAVEL of mudstone, siltstone, sandstone and coal with low cobble content. Sand is fine to coarse locally of ash. Cobbles are angular of mudstone, sandstone and coal. Occasional gravel sized fragments of ceramic. Occasional pieces of cloth (up to 600x500mm). Occasional fragments of wood (up to 130x80mm). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR				0.50			
2 D 3 ES 4 B	0.30		(0.70)										
	0.50 - 0.60		PID: 1.0ppmv					End of Exploratory Hole at 0.70m				1.00	
	0.50 - 0.60												
	0.50 - 0.70								1.50				
	0.60								2.00				
									2.50				
									3.00				
									3.50				
									4.00				
WeatherHeavy showers		Trial Pit Excavation Onsite Layout 				Water Strikes							
ShoringNone						Date and Time		Strike	Rising to	Time	Remarks		
StabilityStable						08/11/2022 09:59		0.23	0.00	20mins	Seepage		
		08/11/2022 10:11		0.70	0.35	20mins	Fast inflow from Face C						
RemarksMachine excavated trial pit from GL to 0.70m													

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 0.70m		Exploratory Hole
						S1-TP115
Project	Global Centre of Rail Excellence	Easting	284344.59	Equipment	Komatsu PC 210 LC	Sheet 1 of 3
Client	Walters UK Limited	Northing	210556.68	Method	TP	
Project No	G22069	Level	230.63 mAOD	Termination Reason	Terminated due to water ingress	

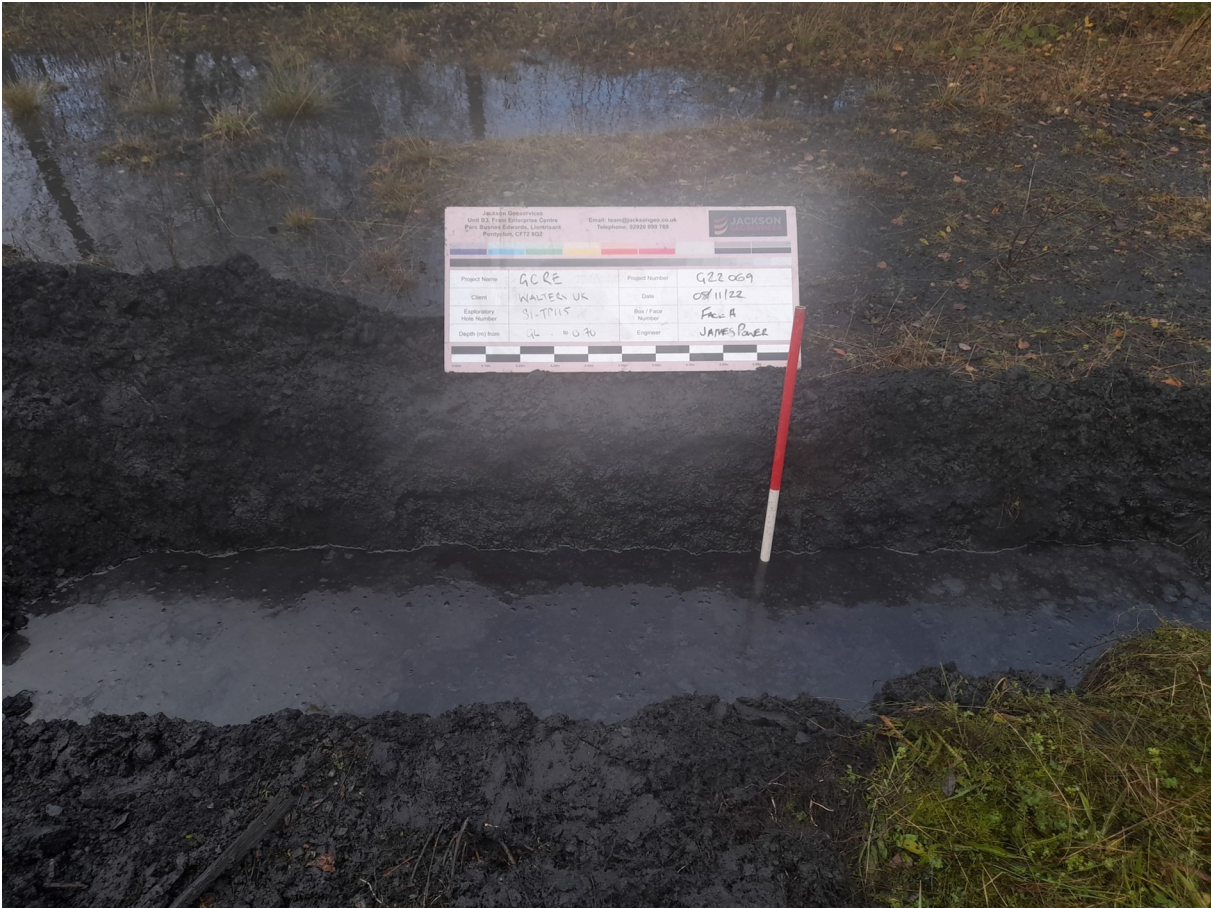


S1-TP115 Face D



S1-TP115 Spoil

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 0.70m		Exploratory Hole
						S1-TP115
Project	Global Centre of Rail Excellence	Easting	284344.59	Equipment	Komatsu PC 210 LC	Sheet 2 of 3
Client	Walters UK Limited	Northing	210556.68	Method	TP	
Project No	G22069	Level	230.63 mAOD	Termination Reason	Terminated due to water ingress	



S1-TP115 Face A

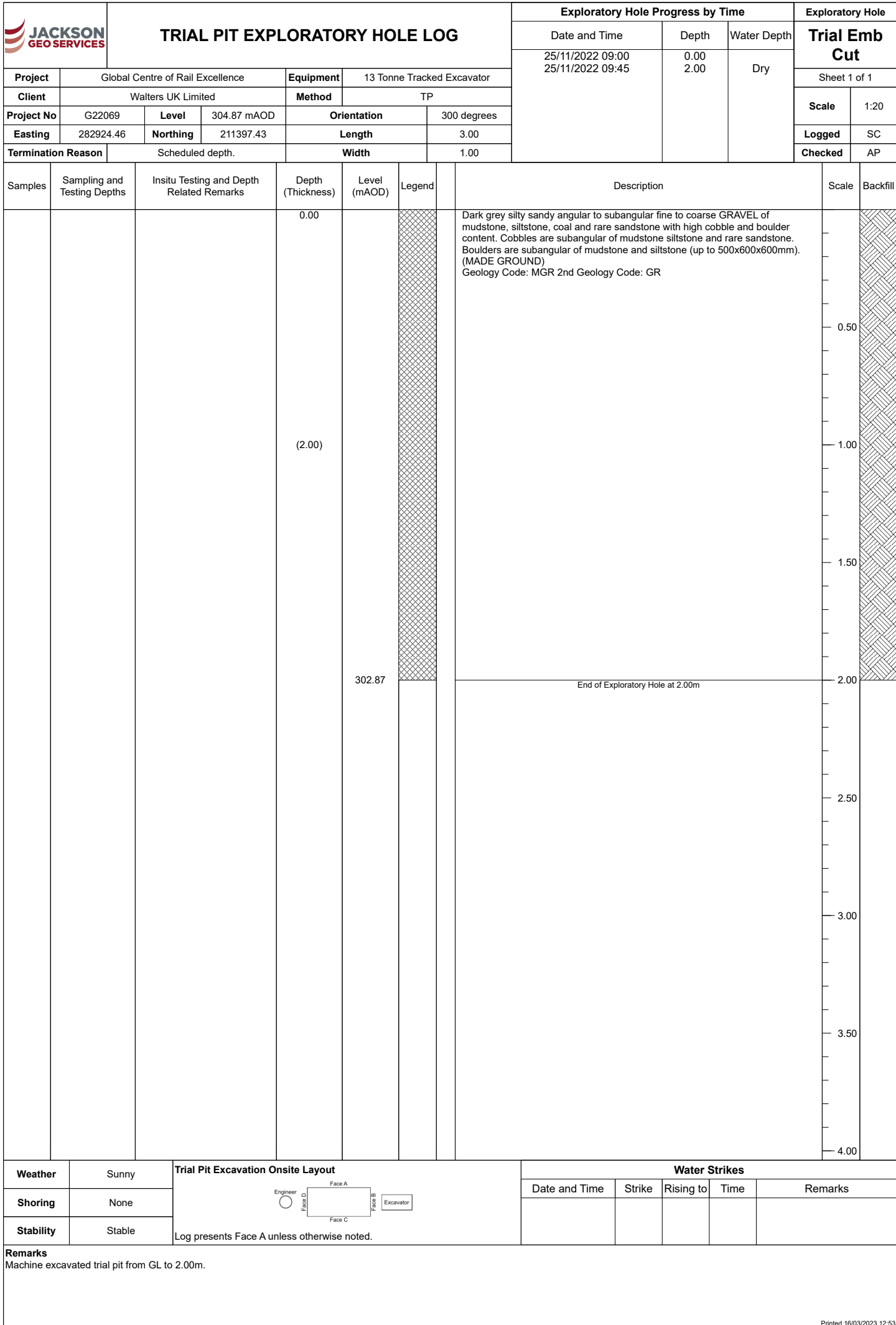


S1-TP115 Face C

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 0.70m		Exploratory Hole
						S1-TP115
Project	Global Centre of Rail Excellence	Easting	284344.59	Equipment	Komatsu PC 210 LC	Sheet 3 of 3
Client	Walters UK Limited	Northing	210556.68	Method	TP	
Project No	G22069	Level	230.63 mAOD	Termination Reason	Terminated due to water ingress	



S1-TP115 Face B





EXPLORATORY HOLE PHOTOGRAPHS

Remarks Machine excavated trial pit from GL to 2.00m.	Exploratory Hole
	Trial Emb Cut

Project	Global Centre of Rail Excellence	Easting	282924.46	Equipment	13 Tonne Tracked Excavator
Client	Walters UK Limited	Northing	211397.43	Method	TP
Project No	G22069	Level	304.87 mAOD	Termination Reason	Scheduled depth.

Sheet 1 of 3



Trial Embankment Cut - Face A



Trial Embankment Cut - Face B