

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 2.00m.		Exploratory Hole
						Emb 2 Soakaway
Project	Global Centre of Rail Excellence	Easting	282853.57	Equipment	13 Tonne Tracked Excavator	Sheet 1 of 2
Client	Walters UK Limited	Northing	211262.89	Method	TP	
Project No	G22069	Level	296.93 mAOD	Termination Reason	Scheduled depth	



Embankment 2 Soakaway Spoil



Embankment 2 Soakaway Face D



EXPLORATORY HOLE PHOTOGRAPHS

Remarks Machine excavated trial pit from GL to 2.00m.		Exploratory Hole
		Emb 2 Soakaway
Equipment	13 Tonne Tracked Excavator	Sheet 2 of 2
Method	TP	
Termination Reason	Scheduled depth	



Embankment 2 Soakaway Face B



Embankment 2 Soakaway Face A

JACKSON GEO SERVICES				TRIAL PIT EXPLORATORY HOLE LOG				Exploratory Hole Progress by Time			Exploratory Hole	
Date and Time		Depth	Water Depth					S1-TP101				
24/11/2022 14:45 24/11/2022 16:00		0.00 2.40	Dry									
ProjectGlobal Centre of Rail Excellence		Equipment13 Tonne Tracked Excavator		Sheet 1 of 1								
ClientWalters UK Limited		MethodTP		Scale1:20								
Project NoG22069		Level219.41 mAOD	Orientation150 degrees		LoggedSC							
Easting282949.73		Northing211957.75	Length3.60		Checked							
Termination Reason		Terminated due to instability		Width0.70								
Samples	Sampling and Testing Depths	Insitu Testing and Depth Related Remarks	Depth (Thickness)	Level (mAOD)	Legend	Description	Scale	Backfill				
1 ES 2 D 3 B	0.20 - 0.25 0.20 - 0.30 0.20 - 0.50 0.20	PID: 0.2ppmv	(0.30) 0.30	219.11		Firm dark grey silty sandy very gravelly CLAY with abundant rootlets. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mudstone and occasional coal. (TOPSOIL) Geology Code: MGR 2nd Geology Code: CL						
4 ES 5 D 6 B	0.50 - 0.55 0.50 - 0.60 0.50 - 0.80 0.50	PID: 0.0ppmv				Dark grey with occasional orangish grey mottling silty slightly clayey sandy angular to subangular fine to coarse GRAVEL of mudstone, coal and rare sandstone with low cobble and boulder content. Sand is medium to coarse. Cobbles are angular of mudstone. Boulders are angular to subangular of mudstone (300x400x450mm). (MADE GROUND) Geology Code: MGR 2nd Geology Code: GR						
7 ES 8 D 9 B	0.90 - 0.95 0.90 - 1.00 0.90 - 1.20 0.90	PID: 0.0ppmv										
10 ES 11 D 12 B	1.50 - 1.55 1.50 - 1.60 1.50 - 1.80 1.50	PID: 0.0ppmv	(2.10)									
13 ES 14 D	2.10 - 2.15 2.10 - 2.20 2.10	PID: 0.0ppmv				1.80m - 1.80m Wooden post (0.30m length, 0.10m diameter).						
15 B 16 ES 17 D	2.30 - 2.40 2.30 - 2.40 2.30 2.35 - 2.40 2.40 2.40 2.40	PID: 0.0ppmv HV: P: 36kPa R: 15kPa HV: P: 38kPa R: 22kPa HV: P: 39kPa R: 20kPa	217.01		End of Exploratory Hole at 2.40m	2.50						
WeatherHeavy Rain Showers		Trial Pit Excavation Onsite Layout Engineer Face D Face A Face B Face C Excavator				Water Strikes						
ShoringNone						Date and Time		Strike	Rising to	Time	Remarks	
StabilityUnstable						Log presents Face A unless otherwise noted.						
RemarksMachine excavated trial pit from GL to 2.40m												

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		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 2.40m		Exploratory Hole
						S1-TP101
Project	Global Centre of Rail Excellence	Easting	282949.73	Equipment	13 Tonne Tracked Excavator	Sheet 1 of 3
Client	Walters UK Limited	Northing	211957.75	Method	TP	
Project No	G22069	Level	219.41 mAOD	Termination Reason	Terminated due to instability	



S1-TP101 - Face A



S1-TP101 - Face B

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 2.40m		Exploratory Hole
						S1-TP101
Project	Global Centre of Rail Excellence	Easting	282949.73	Equipment	13 Tonne Tracked Excavator	Sheet 2 of 3
Client	Walters UK Limited	Northing	211957.75	Method	TP	
Project No	G22069	Level	219.41 mAOD	Termination Reason	Terminated due to instability	



S1-TP101 - Face C



S1-TP101 - Face D

EXPLORATORY HOLE PHOTOGRAPHS

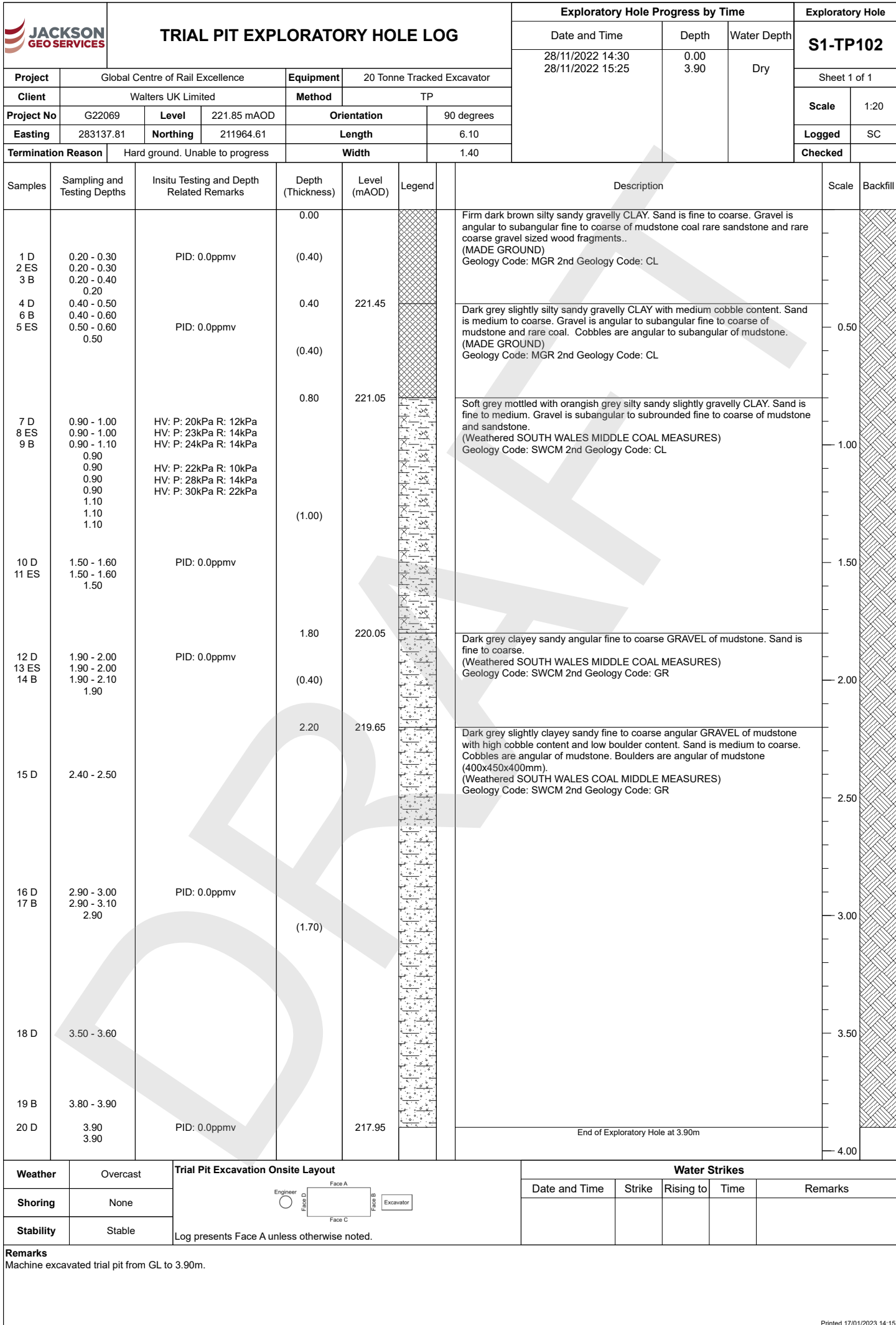
Remarks	Exploratory Hole
Machine excavated trial pit from GL to 2.40m	S1-TP101

Project	Global Centre of Rail Excellence	Easting	282949.73	Equipment	13 Tonne Tracked Excavator
Client	Walters UK Limited	Northing	211957.75	Method	TP
Project No	G22069	Level	219.41 mAOD	Termination Reason	Terminated due to instability

Sheet 3 of 3



S1-TP101 - Spoil



EXPLORATORY HOLE PHOTOGRAPHS

Remarks Machine excavated trial pit from GL to 3.90m.	Exploratory Hole
	S1-TP102

Project	Global Centre of Rail Excellence	Easting	283137.81	Equipment	20 Tonne Tracked Excavator
Client	Walters UK Limited	Northing	211964.61	Method	TP
Project No	G22069	Level	221.85 mAOD	Termination Reason	Hard ground. Unable to progress

Sheet 1 of 3



S1-TP102 - Face A



S1-TP102 - Face B

		EXPLORATORY HOLE PHOTOGRAPHS		Remarks Machine excavated trial pit from GL to 3.90m.		Exploratory Hole
						S1-TP102
Project	Global Centre of Rail Excellence	Easting	283137.81	Equipment	20 Tonne Tracked Excavator	Sheet 2 of 3
Client	Walters UK Limited	Northing	211964.61	Method	TP	
Project No	G22069	Level	221.85 mAOD	Termination Reason	Hard ground. Unable to progress	



S1-TP102 - Face C



S1-TP102 - Face D