

A47 Wansford to Sutton Dualling

Scheme Number: TR010039

9.42 Supplementary Ground Investigations 2022
Appendix II Exploratory Logs (Part B)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

November 2022



Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

A47 Wansford to Sutton Development Consent Order 202[x]

9.42 Supplementary Ground Investigations 2022 Appendix II Exploratory Logs (Part B)

Regulation Number:	Regulation 8(1)(c))
Planning Inspectorate Scheme	TR010039
Reference	
Application Document Reference	TR010039/EXAM/9.42
Author:	A47 Wansford to Sutton Project Team, National Highways

Version	Date	Status of Version
Rev 0	November 2022	Response to the Secretary of State

Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 16/02/2022 Co-ords: E507718.99 N299558.13 Location: Engineer: Sweco Project No.: GT0386 Crew Name: JJ / JD Equipment: JCB 3CX Location Number Location Type Leve Logged By Scale Page Number 20.49m AOD Sheet 1 of 1 **TP113** TP 1:25 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description (m) Strikes (m) 20.49 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with frequent rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse 0.20 - 0.40 В limestone and rare fine flint. 0.40 - 0.45 D 0.45 20.04 Brown clayey very sandy GRAVEL. Sand is fine to 0.50 - 0.60 ES coarse. Gravel is subangular fine to coarse limestone. 0.60 - 0.90 В 0.90 - 0.95 D 0.90 m to 1.40 m becoming light yellowish brown and no longer brown 1.00 m to 1.40 m high cobble content of angular and subangular limestone (180 mm x 50 mm x 15 mm) 1.40 19.09 Extremely weak to very weak light yellowish brown В 1.50 - 1.80 and weathered very sandy LIMESTONE. Sand is fine 1.70 m to 2.10 m limestone interbedded with 1.80 - 1.85 D medium spaced beds (~300 mm) of orangish brown fine and medium sand 2 2.10 - 2.40 В 2.10 18.39 Dark orangish brown and light greenish brown clayey gravelly SAND. Sand is fine to coarse. Gravel is subrounded fine and medium limestone. 2.40 - 2.45 D 3.00 - 3.10В 3.00 17.49 3 Light grey slightly gravelly sandy SILT. Sand is fine 3.10 and medium. Gravel is subangular fine limestone End of Trial Pit at 3.10m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Pit Width (Shoring Used Date Rate Remarks Remarks Unstable None 4.00 0.30 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.10 m due to collapse

The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP113

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP113

Project ID: GT0386



3. Pit side





Project:

Wansford to Sutton Dualling Supplementary GI

TP113 Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 16/02/2022 Co-ords: E507825.35 N299595.18 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 19.70m AOD **TP114** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 0.05 - 0.10 19.70 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 ES SILT with frequent rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse 0.20 - 0.40 В limestone and rare fine flint. 0.40 - 0.50 0.40 19.30 ES Brown clayey sandy GRAVEL with low cobble content. 0.50 - 0.80 В Sand is fine to coarse. Gravel is subangular fine to coarse limestone. Cobbles are subrounded limestone. 0.80 - 0.85 D 0.90 m becoming light yellowish brown and no <u>longer brown</u> 1.05 - 1.20 В 1.05 18.65 Moderately weak light yellowish brown and weathered 1.15 - 1.20 D LIMESTONE. Recovered as silty sandy GRAVEL. 1.20 Sand is fine to coarse. Gravel is subangular limestone. End of Trial Pit at 1.40m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Pit Width (Shoring Used Date Rate Remarks Remarks Unstable None 4.00 0.30 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP114

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP114

Project ID: GT0386



3. Pit side





TP114

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Date: 16/02/2022 Client: Galliford Try Co-ords: E507771.08 N299716.09 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Leve Logged By Scale Page Number 28.68m AOD **TP115** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) Depth (m) 0.00 - 0.20 28.68 Grass over dark brown slightly sandy clayey gravelly 0.05 - 0.10 SILT with frequent rootlets. Sand is fine to coarse. 0.10 - 0.20 Gravel is subangular to subrounded fine to coarse 0.20 28.48 0.20 - 0.30 ES limestone and rare fine flint. 0.20 - 0.40 В Brown clayey sandy GRAVEL with low cobble content. 0.40 - 0.45 Sand is fine to coarse. Gravel is subangular fine to coarse limestone. Cobbles are subangular limestone. 0.60 m to 1.00 m becoming a light yellowish brown and no longer brown 1.00 - 1.30 В 1.00 27.68 Moderately weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse. 1.80 - 1.85 D 2.00 2 End of Trial Pit at 2.00m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Shoring Used Date Rate Remarks Remarks Unstable None 4.00 0.30 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP115

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







TP115

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



3. Pit side





TP115

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 21/02/2022 Co-ords: E507869.96 N299705.58 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 26.74m AOD **TP116** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 26.74 Dark brown slightly sandy clayey gravelly SILT with ES 0.10 - 0.20 few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone 0.20 - 0.40 В and rare fine flint. 0.35 - 0.40 D 0.40 26.34 Brown clayey sandy GRAVEL with low cobble content. 0.40 - 0.50 ES 0.40 - 0.55 В Sand is fine to coarse. Gravel is subangular fine to 0.50 - 0.55 coarse limestone. Cobbles are subrounded limestone. 0.55 m to 1.30 m becoming dark orangish brown 1.30 - 1.50 В 1.30 25.44 Extremely weak to very weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse. 1.55 - 1.60 D 1.60 End of Trial Pit at 1.60m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Remarks Good None 4.00 0.45 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.60 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP116

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







TP116

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



3. Pit side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP116 Project ID:



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/02/2022 Co-ords: E507951.47 N299629.77 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Page Number Location Number Location Type Level Logged By Scale 19.94m AOD **TP117** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 19.94 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS few fine roots. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone 0.20 - 0.50 В and rare fine flint. D 0.60 - 0.65 0.75 - 0.85 ES 0.75 19.19 Orangish brown and light brown clayey gravelly SAND. Sand is fine to coarse. Gravel is angular to 0.90 - 1.20 В subangular fine to coarse limestone. 1.20 - 1.25 D 1.20 m and 1.50 m medium cobble content of subangular limestone (<150 mm x 70 mm x 30 1.50 18.44 Orangish dark brown clayey silty gravelly SAND. Sand is fine and medium. Gravel is subangular fine to coarse limestone. 2.00 - 2.30 В 2 2.00 m and 3.50 m no more pockets of fine grey 2.80 - 2.85 D 3 3.50 End of Trial Pit at 3.50m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks Poor past 3.25 r None 3.00 0.45 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.50 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP117

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP117 Project

Project ID: GT0386



3. Pit side





Project:

Wansford to Sutton Dualling Supplementary GI

TP117

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/02/2022 Co-ords: E507983.05 N299644.49 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Page Number Location Number Location Type Level Logged By Scale 21.93m AOD **TP118** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Stratum Description Well Legend Strikes (m) (m) Depth (m) 21.93 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS few fine roots. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular to subrounded fine to coarse limestone 0.25 - 0.30 D and rare fine flint. 0.30 21.63 Orangish dark brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel subangular to subrounded fine to coarse limestone. 1.00 - 1.10 ES 1.40 m and 2.50 m high cobble content (110 mm x 1.50 - 2.00 В 50 mm x 30mm) and low boulder content (< 340 mm x 120 mm x 40 mm) subangular limestone 2 2.10 - 2.15 D 2.50 End of Trial Pit at 2.50m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Remarks 3.00 Very good None 0.45 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.50 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP118

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP118 Projec

Project ID: GT0386



3. Pit side





Project:

Wansford to Sutton Dualling Supplementary GI

TP118 Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 07/03/2022 Co-ords: E508022.46 N299951.23 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Leve Logged By Scale Page Number 22.39m AOD **TP119** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 22.39 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.40 В coarse. Gravel is subangular and subrounded fine to PID=0.00 0.10 PID coarse flint. 0.35 - 0.40 D 0.40 - 0.50 ES 0.45 21.94 Firm orangish brown slightly gravelly slightly sandy silty CLAY. Sand is fine to coarse. Gravel is 0.40 - 0.65 R PID 0.40 PID=0.00 subangular and subrounded fine to coarse limestone 0.50 HVP=50 0.65 21.74 Firm to stiff dark greenish grey mottled orangish brown 0.60 - 0.65 D slightly sandy slightly gravelly silty CLAY. Sand is fine and medium. Gravel is fine to coarse subangular limestone. 1.00 - 1.30 В 1.00 HVP=65 1.50 m becoming very stiff 1.95 - 2.00 D 2.00 2 PP 2.00 2.10 End of Trial Pit at 2.10m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Very good None 2.70 0.25 183 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP119

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP119 Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP119

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 23/02/2022 Co-ords: E507994.05 N299649.10 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Page Number Location Number Location Type Level Logged By Scale 21.92m AOD **TP120** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 21.92 Grass over dark brown mottled brown slightly gravelly 0.10 - 0.20 FS clayey sandy SILT with common fine rootlets. Sand is 0.10 - 0.30 В fine to coarse. Gravel is subangular and subrounded 0.25 - 0.30 D fine to coarse limestone and rare fine flint. 0.30 21.62 Brown slightly clayey slightly sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. Cobbles are subangular limestone. 1.00 - 1.10 ES 1.10 - 1.40 В 1.30 m becoming light brown 1.95 - 2.00 D 2 2.20 End of Trial Pit at 2.20m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.40 Good None 124 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP120

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP120 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP120

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 23/02/2022 Co-ords: E508025.67 N299655.46 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 22.37m AOD **TP121** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 22.37 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse 0.25 - 0.30 D limestone and rare fine flint. 0.30 22.07 Brown slightly sandy very silty GRAVEL with low 0.40 - 0.50 ES cobble content. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. Cobbles are subrounded limestone. 0.60 m to 1.00m some subangular and subrounded 0.70 - 1.00 В fine and medium flint gravel 1.40 m to 2.10 m there is a medium cobble content. Cobbles are angular and subangular limestone (<190 mm x 60 mm x 40 mm) 1.90 - 1.95 D 2 2.10 End of Trial Pit at 2.10m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks Orientation (de Good None 2.00 0.40 93 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP121

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Post condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP121 Project ID:





3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP121 Project



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 07/03/2022 Co-ords: E508042.81 N299714.47 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 25.52m AOD Sheet 1 of 1 **TP122** TP 1:25 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 25.52 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 ES clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.40 0.10 В coarse. Gravel is subangular and subrounded fine to PID=0.00 PID coarse flint. 0.45 - 0.50 D 0.45 25.02 0.50 - 0.60 ES Dark brown and orangish brown slightly clayey very gravelly SAND. Sand is fine to medium. Gravel is 0.50 PID PID=0.00 0.60 - 0.90 В subangular and subrounded fine to coarse limestone. 0.80 m and 1.00 m medium cobble content. 0.90 - 0.95 D Cobbles are subangular limestone (110 mm x 55 1.00 24.52 <u>тт х 30 тт)</u> 1.05 - 1.10 D Very weak to weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to 1.10 coarse End of Trial Pit at 1.10m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Pit Width (Shoring Used Date Rate Remarks Orientation (de Remarks Very good None 2.00 0.25 8 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP122

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP122



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP122

Project ID: GT0386





	G						Tr	ial F	Pit Lo	og				
Projec	ct Name lementa	: Wansfoi rv Gl	d to Sutto	on Dua ll ing	Client: Galliford Try					Date: 07/03/2022				
Locat		,			Engineer: Sweco					Co-ords: E508114.11 N299710.41				
Projec	ct No. : (GT0386			Crew Name: JJ / JD					Equipment: JCB 3CX				
Location Number Location Type TP123 TP					Level 23.45m AOD			Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1		٢
Well	Water Strikes	Sam Depth (n Situ Testin		epth (m)	Level (m)	Legend		Stratum De	escription			
		0.10 - 0 0.10 - 0 0.10	.20 ES .40 B PID		0		23.45		clayey SIL	dark brown sligh Fwith common fir avel is subangula	ne rootlets. S	and is fin	e to	111111
		0.50 - 0 0.50	.60 ES PID	PID=0.0		0.45	23.00		cobble con subangular Cobbles ar 0.80 m high subangular	Orangish light brown silty sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone Cobbles are subrounded limestone. 80 m high cobble content. Cobbles are ubangular and subrounded limestone (70mm) m x 35 mm)				1
		1.65 - 1	.70 D		1	.70		+		End of Trial F	Pit at 1.70m			
														2
														3
														4 5
	imensions		entation				h Support	I and Comm				Pumping		
Pit Lengt			ation (deg 187	Pit Stability Very poor	Shoring Non-	Used			Remarks		Date	Rate	Remark	(S
\\/ac+l	05:		\longrightarrow											
Weath														
Prior to	digging t			of services. The ngs in 300 mm la					r the pit was te	rminated at 1.70 m	due to hard			



Trial Pit Photographic Report

TP123

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP123

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP123 Proje

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 09/03/2022 Co-ords: E508353.83 N299707.66 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 17.34m AOD **TP124** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 17.34 Dark brown slightly sandy slightly gravelly clayey SILT 0.10 - 0.20 FS with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse 0.25 - 0.30 D 0.30 17.04 0.30 - 0.40 ES Orangish brown and light brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. 1.00 - 1.20 В 1.15 - 1.20 D 1.20 16.14 Grey and dark brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint. 2.00 - 2.30 В 2 2.00 m frequent pockets of orangish brown and light brown sand (300 mm x 300 mm). Sand is fine and medium 2.30 - 2.35 D 2.80 End of Trial Pit at 2.80m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Very poor None 2.00 0.25 204 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.80 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP124

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP124



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP124 Project ID: GT0386





Gr					Trial Pit Log								
	ct Name ementar		rd to Sutto	on Dua ll ing	Client: Gal l ifor	d Try			Date: 08/03/2022				
Locat		<i>y</i>			Engineer: Swe	eco			Co-ords: E508131.47 N299743.42				
Proje	ct No. : (GT0386			Crew Name: J	Crew Name: JJ / JD				CX			
Lo	cation N		Loca	tion Type	Level 25.04m A	Level Logged By				Scale Page Number			
Well	TP12		l ple and l	TP n Situ Testin	g Depth	Level	Legend	JJ	1:25 Sheet 1 of Stratum Description				
	Strikes	Depth	(m) Typ	e Results	s (m)	(m) 25.04			r dark brown slightly sa	-	ilv gravelly	 	
		0.10 - 0 0.10 - 0 0.10 0.25 - 0 0.30 - 0 0.30 - 0 0.60 - 0 0.65 - 0	0.30 B PID 0.30 D 0.40 ES 0.60 B PID 0.65 D	PID=0.0	0.30	24.74		clayey SIL coarse. Gr coarse flint Orangish to cobble cor subangula Cobbles ar	T with common fine roo avel is subangular and	otlets. San subrounce SAVEL with parse. Grato coarse ne. brown ar NE. Sand	h low vel is limestone.	1 2 3 4 5	
	imensions	Ori	ientation		Trend	h Support	and Comm	l ent	T	Pui	mping Data		
Pit Lengt	h (m) Pit Wid	lth (m) Orien	tation (deg	Pit Stability Very good	Shoring Used None	I Support	Comili	Remarks	D	ate Ra		arks	
			104	vory good	INOUG								
Weath													
	digging tl				pit was scheduled t			r the pit was te	rminated at 0.70 m due t	o hard			



Trial Pit Photographic Report

TP125

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







TP125

Project:

Wansford to Sutton Dualling Supplementary GI



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP125 Pro

Project ID: GT0386





	G						Tr	ial F	Pit Lo	og				
Project Name: Wansford to Sutton Dualling Supplementary GI						nt: Gal l iford	l Try			Date: 08/03/2022				
Location:						Engineer: Sweco				Co-ords: E508300.44 N299729.49				
Project No. : GT0386						Crew Name: JJ / JD				Equipment: JCB 3CX				
Location Number Location Type TP126 TP					Level 17.89m AOD			Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1		
Well	Water Strikes			Situ Testing		Depth (m)	Level (m)	Legend		Stratum De	escription			
	Strikes	Depth (0.10 - 0 0.10 - 0 0.10 - 0 0.10 - 0 0.40 - 0 0.40 - 0 1.00 - 1	.20 ES B PID D ES PID	PID=0.0	00	(m) 0.35	(m) 17.89		with comm Gravel is s flint. Orangish t SAND. Sa and subrou	n slightly sandy slipon fine rootlets. Subangular and subprown and light broad is fine to coarse unded fine to coarse unded fine to fine to coarse unded fine to fine to coarse unded fine to coarse u	ghtly gravelly and is fine to prounded fin own clayey v e. Gravel is s se limestone	coarse. e to coarse ery gravelly	2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
D Pit Length 2.00		dth (m) Orient	entation tation (deg	Pit Stability Very poor		Trench oring Used None	Support	and Comm	ent Remarks			umping Dai Rate R	ta Lemarks	
Weath	er:	•												
	digging t			of services. The					r the pit was te	rminated at 2.00 m	due to hard			



Trial Pit Photographic Report

TP126

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP126

Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP126 Project ID:





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 21/03/2022 Co-ords: E508468.82 N299648.34 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 11.11m AOD **TP127** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 11.11 Grass over dark brown clayey silty gravelly SAND with 0.10 - 0.20 0.10 - 0.40 FS common fine rootlets. Sand is fine to coarse. Gravel is В subangular and subrounded fine to coarse flint. PID=0.00 0.10 PID 0.35 - 0.40 D 0.40 10.71 0.40 - 0.50 ES Very soft to soft brown slightly sandy slightly gravelly PID=0.00 0.40 PID clayey SILT. Sand is fine to coarse. Gravel is subangular fine to coarse limestone. 1.00 - 1.30 В 1.00 HVP=35 1.95 - 2.00 D HVP=40 2 2.00 2.50 m and 2.70 m becoming orangish brown slightly mottled light brown 2.70 - 3.00 2.70 В 8.41 Stiff bluish dark grey silty fissured CLAY. Y 2.90 HVP=150 2.95 - 3.00 D 3.00 3 End of Trial Pit at 3.00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks 3.00 Very good. None 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP127

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP127 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP127

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 09/03/2022 Co-ords: E508585.82 N299706.80 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 15.36m AOD **TP128** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 15.36 Dark brown slightly sandy slightly gravelly clayey SILT 0.10 - 0.20 ES with common fine rootlets. Sand is fine to coarse. 0.10 - 0.40 В Gravel is subangular and subrounded fine to coarse PID=0.00 0.10 PID 0.45 - 0.50 D 0.55 14.81 Dark brown slightly gravelly clayey sandy SILT. Sand 0.60 - 0.70 ES is fine to coarse. Gravel is subangular fine and 0.60 PID PID=0.00 medium limestone. 1.00 - 1.30 В 1.30 - 1.35 D 1.60 m to 1.90 m becoming gravelly. Gravel is subangular and subrounded fine to coarse flint and rare fine weathered limestone 1.90 - 2.10 В 1.90 13.46 Stiff light grey slightly clayey slightly sandy slightly HVP=85 2.00 gravelly SILT. Sand is fine. Gravel is subangular fine 2 2.05 - 2.10 D 2.10 End of Trial Pit at 2.10m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks 2.00 Good None 0.25 133 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP128

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

TP128

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP128 Project ID:





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 21/03/2022 Co-ords: E508578.34 N299631.92 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Leve Logged By Scale Page Number 9.22m AOD **TP129** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 9.22 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.40 В Gravel is subangular and subrounded fine to coarse PID=0.10 PID 0.35 - 0.40 D 0.40 8.82 Soft orangish brown slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is 0.50 - 0.60 ES PID=0.00 0.50 PID subangular and subrounded fine to coarse limestone. 1.00 - 1.30 В 1.00 HVP=40 1.50 - 1.55 D Y 1.60 End of Trial Pit at 1.60m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Orientation (de Remarks 2.00 0.25 Very poor None 89 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.60 m due to ingress of water which could not be bailed out due to high recharge rate. The pit was back filled with arisings in 300 mm layers in the order it was removed.



2. Base

GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

Project:

Wansford to Sutton Dualling Supplementary GI

Project

TP129







TP129

Project:

Wansford to Sutton Dualling Supplementary GI







TP129

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 21/03/2022 Co-ords: E508626.24 N299626.85 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 9.95m AOD **TP130** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 9.95 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse PID=0.00 0.10 PID 0.30 9.65 0.25 - 0.30 D Soft orangish brown slightly clayey slightly sandy 0.40 - 0.50 FS slightly gravelly SILT. Sand is fine to coarse. Gravel is 0.40 PID PID=0.00 subangular and subrounded fine to coarse limestone 0.50 - 0.80 В and rare fine flint. HVP=35 0.50 0.80 - 0.85 D 1.00 8,95 Stiff bluish dark grey slightly sandy slightly gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular fine and medium limestone. 1.50 - 1.80 В 1.50 HVP=140 1.90 - 1.95 D 2 2.50 - 2.80 В 2.50 HVP=145 2.70 m becoming very stiff 2.90 - 2.95 D 2.95 End of Trial Pit at 2.95m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks 301 Very good. None 3.00 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.95 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

Project:

Wansford to Sutton Dualling Supplementary GI

TP130 Proj







TP130

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386







Project:

Wansford to Sutton Dualling Supplementary GI

TP130 Pro

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 10/03/2022 Co-ords: E508692.25 N299627.99 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 13.81m AOD **TP131** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 13.81 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 0.10 - 0.40 0.10 FS clayey SILT with few coarse rootlets. Sand is fine to В coarse. Gravel is subangular and subrounded fine to PID=0.00 PID coarse flint. 0.40 - 0.45 D 0.45 13.36 Firm light brown mottled orangish brown slightly sandy 0.50 - 0.60 ES slightly gravelly clayey SILT. Sand is fine to coarse. 0.50 PID PID=0.00 Gravel is subangular fine to coarse limestone. 1.00 - 1.30 В 1.00 HVP=65 1.40 m becoming gravelly. Gravel is subangular 1.50 - 1.55 D and subrounded fine to coarse flint and rare limestone 2.00 - 2.30 В 2 2.00 HVP=75 2.20 m. Becoming very sandy. Sand is fine to 2.95 - 3.00 D 3.00 3 End of Trial Pit at 3.00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Excellent None 1.90 0.25 39 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP131

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP131 Project ID:



3. Side





TP131

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

oject ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 10/03/2022 Co-ords: E508782.90 N299644.72 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Leve Logged By Scale Page Number 11.05m AOD **TP132** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) Depth (m) 11.05 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets and few coarse PID PID=0.00 0.10 roots. Sand is fine to coarse. Gravel is subangular and 0.20 - 0.50 В subrounded fine to coarse flint. 0.45 - 0.50 D 0.50 10.55 Brown slightly clayey very sandy GRAVEL. Sand is 0.60 - 0.70 ES fine to coarse. Gravel is subangular and subrounded 0.60 PID PID=0.00 fine to coarse limestone and rare fine flint. 1.00 - 1.30 В 1.50 - 1.55 D 2.00 - 2.30 В 2 2.30 - 2.35 D 2.40 End of Trial Pit at 2.40m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 Good None 143 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.40 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP132

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP132

Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP132

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 11/03/2022 Co-ords: E508800.79 N299600.14 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 10.51m AOD **TP133** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 10.51 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.30 В coarse. Gravel is subangular and subrounded fine to 0.10 PID PID=0.00 coarse flint. 0.25 - 0.30 0.30 - 0.40 0.30 10.21 D Soft orangish brown mottled light brown slightly ES gravelly slightly sandy silty CLAY. Sand is fine to 0.30 - 0.60 В coarse. Gravel is subangular fine to coarse limestone. 0.30 PID PID=0.00 0.50 HVP=30 0.60 - 0.65 D 0.90 9.61 Orangish brown and brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint. 1.70 - 2.00 В 2.00 - 2.05 D 2 V 2.50 End of Trial Pit at 2.50m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 2.00 Good None 0.60 14 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.50 m due to water ingress. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP133

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP133 Project ID:

oject ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP133

Project ID:

GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 11/03/2022 Co-ords: E508854.05 N299584.89 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 9.36m AOD **TP134** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 9.36 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.35 coarse. Gravel is subangular and subrounded fine to В PID=0.00 0.10 PID 0.30 - 0.35 D 0.35 9.01 Orangish brown mottled light brown silty clayey 0.40 - 0.50 FS gravelly SAND. Sand is fine to coarse. Gravel is PID=0.00 0.40 PID subrounded fine and medium limestone. 0.50 - 0.80 В HVP=40 0.50 0.80 - 0.85 D 1.00 - 1.20 В 1.00 HVP=35 1.15 - 1.20 D 1.20 8.16 Brown and orangish brown clayey very gravelly SAND. Sand is fine to coarse, Gravel is subangular and subrounded fine to coarse flint. 1.60 End of Trial Pit at 1.60m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 288 Very poor None 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.6 m due to water ingress. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP134

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

TP134

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP134

Project ID:





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 02/03/2022 Co-ords: E508884.15 N299543.97 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 10.77m AOD **TP135** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 10.77 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.40 В coarse. Gravel is subangular and subrounded fine to PID=0.00 0.10 PID coarse flint. 0.35 - 0.40 D 0.40 m and 0.50 m becoming light brown 0.50 10.27 Reddish brown and light brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is 0.60 - 0.70 ES 0.60 PID PID=0.10 subangular to rounded fine to coarse flint and fine highly weathered limestone. 1.00 - 1.30 В 1.30 - 1.35 D V 2 2.00 m water strike at 2.00 m perched water 2.10 End of Trial Pit at 2.10m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 172 Poor None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.10 m due to water ingress. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP135

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP135 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP135 Proje

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 02/03/2022 Co-ords: E508917.56 N299475.10 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 11.47m AOD **TP136** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 11.47 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.40 В coarse. Gravel is subangular and subrounded fine to PID=0.00 0.10 PID coarse flint. 0.35 - 0.40 D 0.40 11.07 Very soft orangish brown slightly clayey slightly 0.50 - 0.60 gravelly silty SAND. Sand is fine to coarse. Gravel is ES 0.50 PID PID=0.00 subangular to subrounded fine to coarse limestone. 0.60 - 0.90 В 1.00 - 1.05 D 1.10 10.37 Reddish brown and light brown clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint and fine highly weathered limestone. 1.50 - 1.80 В 2.00 - 2.05 D 2 2.00 - 2.20 В 2.20 End of Trial Pit at 2.20m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 2.00 Good None 0.25 155 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.20 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP136

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP136

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP136 Project ID:

oject ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 02/03/2022 Co-ords: E508907.11 N299569.53 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Logged By Page Number Location Number Location Type Level Scale 11.64m AOD **TP137** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 11.64 Grass over dark brown slightly sandy slightly gravelly 0.10 - 0.20 FS clayey SILT with common fine rootlets. Sand is fine to 0.10 - 0.40 В coarse. Gravel is subangular and subrounded fine to PID=0.00 0.10 PID coarse flint. 0.35 - 0.40 D 0.40 m and 0.50 m becoming light brown 0.50 11.14 Reddish brown and light brown clayey very sandy 0.60 - 0.70 GRAVEL. Sand is fine to coarse. Gravel is subangular ES 0.60 PID PID=0.00 to rounded fine to coarse flint and fine highly weathered limestone. 1.00 - 1.30 В 1.30 - 1.35 D 2 2.70 - 3.00 В Y 2.95 - 3.00 D 3.00 3 End of Trial Pit at 3.00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 241 Very good None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP137

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP137 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP137

Project ID: GT0386





Gr			Trial Pit Log										
Project Name: Wansford to Sutton Dualling Supplementary GI						Client: Galliford Try				Date: 03/03/2022			
Location:						Engineer: Sweco				Co-ords: E508938.50 N299564.74			
Project No. : GT0386						Crew Name: JJ / JD				Equipment: JCB 3CX			
Location Number Location Type				Level Logged By				Scale Page Number 1:25 Sheet 1 of 1					
	TP138 Sampl		l Inle and	TP and In Situ Testin		13.61m A0	Level	JJ		1:25		eet 1 of	1
Well	Strikes	Depth		уре	Results		(m)	Legend		Stratum Description	on		
		0.10 - 0 0.10 0.20 - 0)).50	ES PID B	PID=0.00	0.70	13.61 12.91		Grass over dark brown slightly sandy slightly gravelly clayey SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint. Reddish brown and light brown clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint and fine highly weathered limestone.				111111111111111
		0.80 - 0 0.80 1.00 - 1) P	ES PID B	PID=0.00								1 -
		1.35 - 1 2.20 - 2	2.50	В					2.10 m sub (470 mm x	angular limestone boul 250 mm x 110 mm)	der encou	untered	2
	Dimensions	2.50 - 2	ientation	D		Z,60	h Support	and Comm	ent	End of Trial Pit at 2.60	Dm Pumpin	o Data	4
	h (m) Pit Wid	th (m) Orien	Orientation (deg Pit S		Pit Stability latively poor	Shoring Used None		and Co	Remarks	Date	Rate	Rema	rks
					duvely poor	None							
Weath				上							\perp		
	digging th					pit was scheduled to			r the pit was te	rminated at 2.60 m due to ha	ard		ļ



Trial Pit Photographic Report

TP138

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP138

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP138 Project

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Date: 25/03/2022 Client: Galliford Try Co-ords: E509004.19 N299643.47 Location: Engineer: Sweco Project No.: GT0386 Crew Name: MM / BO Equipment: JCB 3CX Location Number Location Type Leve Logged By Scale Page Number **TP139** TP 18.52m AOD MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 0.00 - 0.20 18.52 Dark brown clayey sandy GRAVEL with frequent fine 0.10 - 0.20 rootlets and low cobble content. Sand is fine to coarse. 0.10 - 0.20 ES Gravel is subangular to subrounded fine to coarse flint 18.32 0.20 0.20 - 0.30 D and limestone. Cobbles are subangular limestone. 0.20 - 0.40 Firm orangish brown and light bluish grey slightly silty 0.30 - 0.40 ES 0.40 18.12 slightly sandy slightly gravelly CLAY. Sand is fine to 0.30 HVP=100 coarse. Gravel is subangular to subrounded fine and 0.50 - 0.60 D medium limestone. 0.50 - 0.70 Stiff light bluish grey slightly sandy slightly gravelly clayey SILT. Sand is fine to coarse. Gravel is subrounded fine and medium limestone. 1.00 HVP=120 1.60 - 1.70 D 1.60 16.92 Light brown and orangish brown very clayey sandy 1.60 - 1.80 В GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. 2 2.40 - 2.50 В 2.40 16.12 Weak orangish brown sandy weathered LIMESTONE. 2.40 - 2.50 D 2.50 Sand is fine to coarse End of Trial Pit at 2.50m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Good None 2.50 0.25 153 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.50 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP139

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

rial Pit Photographs







TP139

Project:

Wansford to Sutton Dualling Supplementary GI







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP139 Project ID:







Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 25/03/2022 Co-ords: E509033.20 N299637.17 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: MM / BO **Location Number** Location Type Level Logged By Scale Page Number 20.11m AOD **TP140** TP MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 0.00 - 0.10 20.11 Dark brown slightly clayey gravelly SAND with 0.00 - 0.10 ES common fine rootlets. Sand is fine to coarse. Gravel is 0.00 - 0.20 В subangular to subrounded fine to coarse flint and limestone. 0.30 - 0.40 D 0.30 19.81 Brown and yellowish brown sandy very clayey 0.30 - 0.40 ES GRAVEL. Sand is fine to coarse. Gravel is subangular 0.30 - 0.50 В to subrounded fine to coarse limestone. 1.00 - 1.10 D 1.00 - 1.20 1.70 - 1.80 1.70 - 1.90 D 1.70 18.41 Stiff light bluish grey mottled yellowish brown slightly В gravelly slightly sandy clayey SILT. Sand is fine to 1.80 HVP=100 coarse. Gravel is subrounded fine and medium limestone. 2 2.50 - 2.60 2.50 - 2.60 В D HVP=100 2.50 3 3.40 HVP=120 3.50 - 3.60 В 3.50 - 3.60 D 4.00 End of Trial Pit at 4,00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks Good None 2.50 0.25 150 Weather: Prior to digging the position was cleared of services. The pit was excavated to the scheduled depth of 4.00 m bgl. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

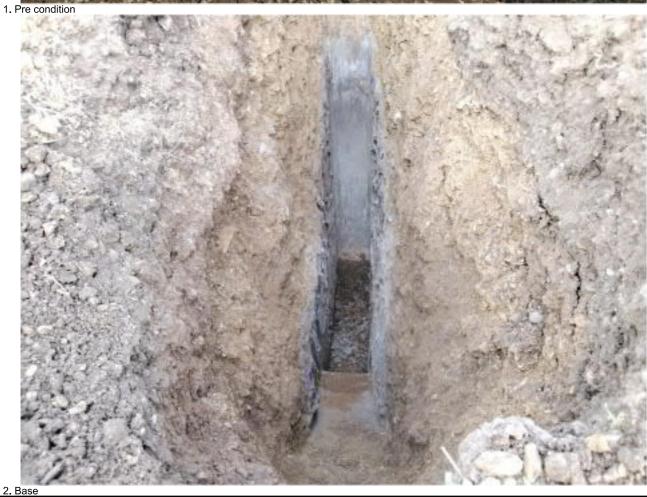
Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

TP140







TP140

Project:

Wansford to Sutton Dualling Supplementary GI







6. Post condition

Trial Pit Photographic Report

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP140 Project ID:





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 30/03/2022 Co-ords: E509123.50 N299506.86 Location: Engineer: Sweco Project No.: GT0386 Crew Name: MM / JH Equipment: Sany SY155U Location Number Location Type Leve Logged By Scale Page Number TP141 20.84m AOD TP MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 20.84 Brown clayey gravelly SAND with common fine 0.10 - 0.20 rootlets. Sand is fine to coarse. Gravel is subangular 0.10 - 0.20 ES to subrounded fine to coarse flint. 0.10 - 0.30 В 0.30 20.54 D Orangish brown and reddish brown slightly clayey 0.30 - 0.400.30 - 0.40 ES slightly silty sandy GRAVEL with frequent black 0.30 - 0.50 В carbonaceous fragments. Sand is fine to coarse. 0.50 20.34 0.50 - 0.60 D Gravel is subangular to rounded fine to coarse flint 0.50 - 0.70 В Very stiff bluish grey and orangish brown slightly sandy HVP=240 0.60 slightly gravelly very clayey SILT with frequent black carbonaceous fragments. Sand is fine to coarse. Gravel is subrounded fine and medium limestone. HVP=247 1.50 1.90 - 2.00 В 1.90 18.94 Strong light yellowish brown sandy LIMESTONE. Sand 1.90 - 2.00 D 2.00 2 End of Trial Pit at 2.00m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Good None 2.00 0.40 175 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP141

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP141 Project ID: GT0386



3. Side



TP141

Project:

Wansford to Sutton Dualling Supplementary GI







Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 25/03/2022 Co-ords: E509089.88 N299606.98 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: MM / BO Location Number Location Type Level Logged By Scale Page Number 22.00m AOD **TP142** TP MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 0.00 - 0.10 22.00 Dark brown slightly clayey sandy GRAVEL with low 0.00 - 0.10 ES cobble content. Sand is fine to coarse. Gravel is 0.00 - 0.20 В subangular to subrounded fine to coarse flint and limestone. Cobbles are subangular limestone. 0.30 - 0.40 D 0.30 21.70 Orangish brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is angular to 0.30 - 0.40 ES 0.30 - 0.50 В subrounded fine to coarse limestone. 1.50 - 1.60 D 1.50 - 1.70 2 2.70 - 2.80 D 2.70 19.30 Stiff light bluish grey slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is 2.70 - 2.90 В subrounded fine and medium limestone. 3.00 HVP=110 3 3.40 - 3.50 3.40 - 3.50 D 3.50 End of Trial Pit at 3.50m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 0.25 255 Good None 2.50 Weather: Prior to digging the position was cleared of services. The pit was excavated to the scheduled depth of 3.50 m bgl. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP142

Project:

Wansford to Sutton Dualling Supplementary GI









TP142

Project:

Wansford to Sutton Dualling Supplementary GI







Project:

Wansford to Sutton Dualling Supplementary GI

TP142







Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 28/03/2022 Co-ords: E509092.32 N299569.90 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 21.44m AOD **TP143** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 21.44 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. PID PID=0.00 0.10 0.25 - 0.30 0.30 - 0.40 0.30 21.14 D Light brown and brown slightly clayey very gravelly SAND. Sand is fine to coarse. Gravel is angular and FS 0.30 PID PID=0.00 subrounded fine and coarse flint and limestone. 1.00 - 1.30 В 1.30 - 1.35 D 2 2.10 - 2.40 В 2.10 19.34 Light grey clayey silty SAND and GRAVEL. Sand is fine. Gravel is subrounded fine to coarse limestone. 2.80 m becoming stiff 2.95 - 3.00 D 3 3.00 - 3.20 В 3.15 - 3.20 D 3.20 End of Trial Pit at 3.20m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks Very good None 3.00 0.25 186 Weather: Prior to digging the position was cleared of services. The pit was excavated to the scheduled depth of 3.20 m bgl. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP143

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photograph



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP143

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP143

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 30/03/2022 Co-ords: E509257.83 N299452.11 Location: Engineer: Sweco Project No.: GT0386 Crew Name: MM / JH Equipment: Sany SY155U Location Number Location Type Leve Logged By Scale Page Number 20.86m AOD **TP144** TP MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 0.00 - 0.20 20.86 Soft dark brown sandy gravelly CLAY with common 0.10 - 0.20 fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.20 ES subangular to subrounded fine to coarse flint. 0.30 20.56 Light yellowish brown slightly clayey very sandy 0.40 - 0.50 В GRAVEL. Sand is fine to coarse. Gravel is subangular 0.40 - 0.50D to subrounded fine and medium flint and limestone. 0.40 - 0.50 ES 1.75 - 1.85 D 1.75 19.11 Stiff blueish grey and orangish brown slightly clayey 1.75 - 1.90 В slightly sandy slightly gravelly SILT with frequent black 1.90 - 2.00 В 1.90 18.96 carbonaceous fragments. Sand is fine to coarse. 1.90 - 2.00 Gravel is subangular fine and medium carbonaceous 2 Strong light yellowish brown sandy LIMESTONE. Sand 2.20 End of Trial Pit at 2.20m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 277 Good None 2.00 0.40 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

TP144



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP144

Project ID: GT0386



3. Side



Trial Pit Photographic Report

TP144

Project:

Wansford to Sutton Dualling Supplementary GI







Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 24/03/2022 Co-ords: E509208.70 N299550.87 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO **Location Number** Location Type Leve Logged By Scale Page Number 22.44m AOD **TP145** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 22.44 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 ES common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. PID PID=0.00 0.10 0.30 0.25 - 0.30 0.30 - 0.40 22.14 D Light brown and orangish brown slightly clayey very ES sandy GRAVEL. Sand is fine to coarse. Gravel is 0.30 PID PID=0.00 subangular and subrounded fine to coarse flint. 1.00 - 1.30 В 1.30 - 1.35 D 2.00 - 2.30 В 2 2.85 - 2.90 D 2.90 End of Trial Pit at 2.90m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Shoring Used Pit Width Date Rate Remarks Orientation (d Remarks 2.00 0.25 Poor. None 108 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.90 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP145

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP145 Project



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP145

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 24/03/2022 Co-ords: E509356.84 N299516.63 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number **TP146** TP 20.41m AOD 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) Depth (m) 20.41 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. 0.10 PID PID=0.00 0.25 - 0.30 0.30 - 0.40 0.30 20.11 D Soft to firm greenish light grey slightly mottled FS orangish brown slightly sandy slightly gravelly very PID PID=0.00 0.30 clayey SILT. Sand is fine to coarse. Gravel is 0.40 - 0.70 В subrounded fine to coarse limestone. 0.70 - 0.75 D 1.00 HVP=55 1.10 - 1.40 В 1.10 19.31 Stiff light grey slightly sandy slightly gravelly SILT and CLAY. Sand is fine. Gravel is subrounded fine limestone 1.40 - 1.45 D 2.00 - 2.30 В 2 2.00 HVP=140 HVP=150 2.40 2.45 - 2.50 D 2.50 End of Trial Pit at 2.50m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks Very good. None 2.00 0.25 42 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.50 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP146

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photograph



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP146

Project ID:



3 Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP146



5. natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 30/03/2022 Co-ords: E509360.28 N299421.21 Location: Engineer: Sweco Project No.: GT0386 Crew Name: MM / JH Equipment: Sany SY155U Location Number Location Type Leve Logged By Scale Page Number 20.47m AOD **TP147** TP MM 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 0.00 - 0.30 20.47 Soft dark brown sandy gravelly CLAY with common 0.10 - 0.20 fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.20 ES subangular to subrounded fine and medium flint. 0.30 20.17 Firm reddish brown and dark brown slightly clayey 0.40 - 0.50 slightly sandy slightly gravelly SILT. Sand is fine to 0.40 - 0.50D coarse. Gravel is angular to subrounded fine and 0.50 19.97 0.40 - 0.50 ES medium flint and limestone. Yellowish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded 0.60 - 0.70 D В 0.60 - 0.80 fine and medium flint, limestone and black carbonaceous fragments. D 1.50 - 1.60 2.00 2 End of Trial Pit at 2.00m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks 179 Very poor None 2.00 0.40 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.00 m due to pit wall collapse. Walls collapse to 1.50 m bgl. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP147 Project ID:

rial Pit Photographs



1. Pre condition





TP147

Project:

Wansford to Sutton Dualling Supplementary GI







TP147

Project:

Wansford to Sutton Dualling Supplementary GI





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 24/03/2022 Co-ords: E509427.54 N299475.35 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO **Location Number** Location Type Level Logged By Scale Page Number 19.98m AOD **TP148** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Stratum Description Wel Legend Strikes (m) (m) Depth (m) 19.98 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.35 В subangular and subrounded fine to coarse flint. PID PID=0.00 0.10 0.30 - 0.35 0.40 - 0.50 D 0.35 19.63 Brown slightly clayey slightly gravelly very silty SAND. FS Sand is fine to coarse. Gravel is subrounded fine and PID=0.00 0.40 PID medium limestone. 1.00 - 1.30 В 1.30 - 1.35 D 2 2.10 - 2.40 В 2.10 17.88 Light brown and orangish brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint. 2.40 - 2.45 D 2.70 End of Trial Pit at 2.70m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (de Remarks 2.00 Good but very None 0.25 8 poor from 2.40 m. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.70 m due to collapsing side walls. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP148

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



1.Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP148

Project ID:

GT0386



3. Side





TP148

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 24/03/2022 Co-ords: E509457.05 N299543.39 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 20.98m AOD **TP149** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 20.98 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. PID=0.00 0.10 PID 0.25 - 0.30 0.30 - 0.40 0.30 20.68 D Soft to firm greenish light grey mottled orangish brown FS slightly clayey slightly sandy slightly gravelly SILT. 0.30 PID PID=0.00 Sand is fine to coarse. Gravel is subrounded fine limestone. 1.00 - 1.30 В 1.00 HVP=45 1.30 - 1.35 D 2.00 - 2.30 В 2 HVP=70 2.00 2.30 - 2.35 D 3.00 - 3.30 В 3 HVP=75 3.00 3.30 m becoming stiff 3.40 HVP=95 3.55 - 3.60 D 3.60 End of Trial Pit at 3.60m 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 23 Very good. None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.60 m due to collapsing side walls. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP149

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP149 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP149

Project ID:

GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 23/03/2022 Co-ords: E509573.79 N299443.73 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 20.28m AOD **TP150** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 20.28 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse PID=0.00 0.10 PID 0.25 - 0.30 0.40 - 0.50 0.30 19.98 D Firm orangish brown slightly sandy slightly gravelly FS clayey SILT. Sand is fine and medium. Gravel is PID=0.00 0.40 PID subrounded to subangular fine and medium limestone. 1.00 - 1.30 В 1.00 HVP=65 1.30 - 1.35 D 1.40 18.88 Light brown and brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is angular and subrounded fine and medium flint. 2.00 - 2.30 В 2 2.95 - 3.00 D 3.00 3 End of Trial Pit at 3.00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Very good. None 2.70 0.25 101 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.00 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP150

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

TP150

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP150 Project ID:



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 23/03/2022 Co-ords: E509550.72 N299484.15 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 20.68m AOD **TP151** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 20.68 Dark brown clayey slightly sandy gravelly SILT with 0.10 - 0.20 FS common fine rootlets and few coarse rootlets. Sand is 0.10 - 0.40 В fine to coarse. Gravel is subangular and subrounded PID PID=0.00 0.10 fine to coarse flint. 0.25 - 0.30 0.40 - 0.50 D 0.40 20.28 FS Dense orangish brown clayey very silty SAND. Sand is PID=0.00 0.40 PID 1.00 - 1.30 В 1.30 - 1.35 D 1.50 m and 2.10 m becoming stiff 2 2.10 - 2.40 В 2.10 18.58 Light brown and brown slightly clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is angular and subrounded fine and medium flint. 2.40 - 2.45 D 3 3.10 End of Trial Pit at 3.10m 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (de Remarks 2.00 None 0.25 117 Good. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP151

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP151

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP151

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 29/03/2022 Co-ords: E509606.01 N299376.27 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 19.41m AOD **TP152** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 19.41 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.40 В subangular and subrounded fine to coarse flint. PID=0.00 0.10 PID 0.35 - 0.40 D 0.40 19.01 0.40 - 0.50 ES Orangish brown slightly clayey sandy GRAVEL. Sand PID=0.00 is fine to coarse. Gravel is subrounded fine and 0.40 PID medium limestone. 1.00 - 1.30 В 1.30 - 1.35 D 1.70 17.71 Light brown and orangish brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint. 2.00 - 2.30 В 2 2.80 - 2.85 D 2.85 End of Trial Pit at 2.85m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks Very good None 2.10 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.85 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP152

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP152 Pr

Project ID: GT0386



3. Side





TP152

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/03/2022 Co-ords: E509723.08 N299418.08 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 20.51m AOD **TP153** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 20.51 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse PID=0.10 0.10 PID 0.25 - 0.30 0.30 - 0.35 0.30 20.21 D Hard dark grey heavily weathered SANDSTONE. П 0.40 20.11 Light brown and brown slightly slightly clayey gravelly 0.40 - 0.50 FS sandy SILT. Sand is fine to coarse. Gravel is angular 0.40 PID PID=0.00 and subrounded fine and medium flint. 1.00 - 1.30 В 1.00 HVP=60 1.30 - 1.35 D HVP=80 2.00 2 2.30 - 2.60 В 2.60 - 2.65 D 3 3.20 End of Trial Pit at 3.20m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Shoring Used Pit Width (Date Rate Remarks Remarks Very good, None 3.00 0.25 becoming poor after 2.30 m. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP153

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Frial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP153

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP153

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 29/03/2022 Co-ords: E509814.12 N299310.28 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 18.64m AOD **TP154** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 18.64 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 ES SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.40 0.10 В Gravel is subangular and subrounded fine to coarse PID=0.10 PID 0.45 - 0.50 D 0.50 18.14 Orangish brown clayey silty very gravelly SAND. Sand is fine and medium. Gravel is subrounded to 0.50 - 0.60 ES PID=0.00 0.50 PID subangular fine to coarse limestone. 1.00 - 1.30 В 1.30 - 1.35 D 1.90 16.74 Orangish brown and brown clayey silty very gravelly 2.00 - 2.30 В SAND. Sand is fine to coarse. Gravel is subrounded 2 fine to coarse limestone. 2.60 m becoming slightly gravelly. Gravels are subangular and subrounded fine to coarse flint 2.95 - 3.00 D 3 3.00 - 3.20 В 3.15 - 3.20 D 3.20 End of Trial Pit at 3.20m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Good and very None 2.20 0.25 302 poor from 3.00 m. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP154

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

TP154

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP154

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 29/03/2022 Co-ords: E509886.50 N299283.05 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 17.78m AOD **TP155** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 17.78 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.40 В Gravel is subangular and subrounded fine to coarse PID=0.00 PID 0.50 - 0.55 D 0.55 17.23 Light brown and orangish brown slightly clayey SAND 0.60 - 0.70 ES and GRAVEL. Sand is fine to coarse. Gravel is angular 0.60 PID PID=0.00 to subrounded fine to coarse limestone and flint. 1.00 - 1.30 В 1.30 - 1.35 D 1.70 m limestone is no longer present in the gravel 2 2.50 - 2.80 В 2.80 - 2.85 D 3.00 - 3.20 В 3 3.15 - 3.20 D 3.20 End of Trial Pit at 3.20m 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 288 Good but very None 2.70 0.25 poor from 2.80 m. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.20 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP155

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP155 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP155

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/03/2022 Co-ords: E509937.37 N299299.27 Location: Engineer: Sweco Project No.: GT0386 Crew Name: JJ / JD Equipment: JCB 3CX Location Number Location Type Level Logged By Scale Page Number 20.20m AOD Sheet 1 of 1 **TP156** TP 1:25 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 20.20 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.35 В Gravel is subangular and subrounded fine to coarse PID PID=0.00 0.10 0.30 - 0.35 0.40 - 0.50 D 0.35 19.85 Orangish brown clayey very silty SAND. Sand is fine FS and medium. Gravel is subrounded fine and medium PID=0.00 0.40 PID limestone. 0.50 HVP=65 0.90 m and 1.60 m becoming slightly gravelly. 1.00 - 1.30 В Gravel is subangular and subrounded fine to coarse flint 1.30 - 1.35 D 1.60 18.60 Light brown and brown clayey very gravelly SAND. Sand is fine to coarse. Gravel is angular to subrounded fine and medium flint. 2.00 - 2.30 В 2 2.10 m and 2.20 m pocket of grey fine sand (400 *mm x 400 mm x 200 mm*) 2.25 - 2.30 D 2.30 End of Trial Pit at 2.30m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks None 2.00 0.25 Good. Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.30 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP156

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP156 Project ID:

oject ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP156 Project ID:



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/03/2022 Co-ords: E510062.72 N299279.20 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 16.73m AOD **TP157** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 16.73 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse PID PID=0.00 0.10 0.25 - 0.30 0.40 - 0.50 0.30 16.43 D Firm orangish brown slightly sandy very clayey SILT. FS Sand is fine and medium. PID=0.00 0.40 PID 1.00 - 1.30 В 1.00 HVP=60 1.95 - 2.00 D 2 HVP=70 2.00 2.10 m to 3.00 m becoming orangish brown mottled dark orange with frequent black organic speckles (2 mm x 2 mm) В 2.50 - 2.80 2.90 HVP=140 2.95 - 3.00 D 3 3.00 m becoming stiff to very stiff 3.00 - 3.30 В 3.25 - 3.30 D 3.30 End of Trial Pit at 3.30m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks 2.00 Very good None 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.30 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP157

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Post condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP157 Pro



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP157 Project

Project ID: GT0386





	G		l		Trial Pit Log									
Project Suppl	ct Name ementa	: Wansfor rv Gl	d to Sut	tton Dua ll ing	Client: Galliford Try				Date: 29/03/2022					
Locati		•			Engineer: Sweco				Co-ords: E510042.74 N299177.47					
Projec	ct No. : 0	GT0386			Crew Name:	JJ / BO			Equipment: JCB 3CX					
Location Number Location Type TP158 TP				Leve 15.79m <i>F</i>		Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1				
Well	Water Strikes		n) Type Results		()	Level (m)	Legend							
Well	Strikes	Depth (0.10 - 0. 0.10 - 0. 0.10 - 0. 0.40 - 0. 0.40 - 0. 1.00 - 1. 1.30 - 1. 2.00 - 2.	m) Ty .20 E .35 E Pl .35 .50 E Pl .33 .50 E .50 E .50 E .50 E .50 E	PE Results S B B C PID=0.0 S B D PID=0.0	(m) 00 0.35		Legend	Grass ove SILT with of Gravel is s flint. Orangish to GRAVEL. is to rounded	Stratum De r dark brown slightl common fine rootle subangular and sub prown and brown si Sand is fine to coal if fine and medium to coming clayey End of Trial Pi	ly sandy clayer ts. Sand is fin prounded fine lightly clayer see. Gravel is fint.	e to coarse. to coarse SAND and	2 -		
D Pit Length 2.10		dth (m) Orient	entation ation (deg	Pit Stability Good, but poor from 2.90 m.	Shoring Used	ch Support	and Comm	ent Remarks		Pul Date Ra	mping Data te Rema	5		
	arks digging t				pit was scheduled			r the pit was te	erminated at 3.80 m o	due to hard				



Trial Pit Photographic Report

TP158

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP158 Pro



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP158



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 29/03/2022 Co-ords: E510069.10 N299229.50 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 15.80m AOD **TP159** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 15.80 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.30 В Gravel is subangular and subrounded fine to coarse PID PID=0.00 0.10 0.25 - 0.30 0.30 - 0.40 0.30 15.50 D Firm orangish brown slightly sandy very clayey SILT. FS Sand is fine and medium. 0.30 PID PID=0.00 1.00 - 1.30 В 1.00 HVP=50 1.30 - 1.35 D 2.00 - 2.30 В 2.00 m becoming orangish brown mottled light grey 2.00 HVP=65 HVP=100 2.50 2.50 m becoming stiff 2.65 - 2.70 D 2.70 End of Trial Pit at 2.70m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 213 Good None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.70 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP159

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP159

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP159 Project ID:

oject ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 29/03/2022 Co-ords: E510116.62 N299144.83 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Page Number **Location Number** Location Type Level Logged By Scale 15.04m AOD **TP160** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 15.04 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 0.10 - 0.40 0.10 FS SILT with common fine rootlets. Sand is fine to coarse. В Gravel is subangular and subrounded fine to coarse PID=0.00 PID 0.35 - 0.40 D 0.40 14.64 0.40 - 0.50 ES Orangish brown clayey silty SAND. Sand is fine and PID=0.00 0.40 PID medium. 0.50 HVP=40 1.00 - 1.30 В 1.30 - 1.35 D HVP=70 1.50 1.90 13.14 Orangish brown and brown slightly clayey silty gravelly 2.00 - 2.30 В SAND. Sand is fine to coarse. Gravel is subrounded to subangular fine to coarse limestone. 2.80 m becoming gravelly. Gravels are subangular and subrounded fine to coarse flint 2.95 - 3.00 D 3 3.10 End of Trial Pit at 3.10m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 2.00 0.25 277 Good None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP160

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs







TP160

Project:

Wansford to Sutton Dualling Supplementary GI



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP160 Project ID:

oject ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 28/03/2022 Co-ords: E510176.57 N299156.22 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Page Number Location Number Location Type Leve Logged By Scale 16.22m AOD **TP161** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 16.22 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common coarse rootlets. Sand is fine to coarse. 0.10 - 0.40 В Gravel is subangular and subrounded fine to coarse flint, limestone and tarmac. 0.35 - 0.40 D 0.40 15.82 0.40 - 0.50 ES Dark brown and orangish brown gravelly very clayey SAND. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and rare tarmac. 0.40 m and 0.90 m subangular tarmac boulder (950 *mm x 450 mm x 150 mm*) 1.00 - 1.30 В 1.95 - 2.00 D 2.00 2 End of Trial Pit at 2.00m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 0.25 230 Poor None Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.00 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP161

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP161



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP161 Project



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 04/03/2022 Co-ords: E507406.16 N300258.15 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD **Location Number** Location Type Level Logged By Scale Page Number 27.29m AOD **TP162** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) Grass over dark brown slightly sandy clayey gravelly 27.29 0.10 - 0.20 FS SILT with common fine rootlets. Sand is fine to coarse. 0.10 - 0.40 В Gravel is subangular and subrounded fine to coarse PID=0.00 0.10 PID 0.45 - 0.50 D 0.50 26.79 Yellowish light brown and light orangish brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is 0.60 - 0.70 ES 0.60 PID PID=0.00 subangular to rounded fine to coarse limestone. 0.80 - 1.10 В 1.05 - 1.10 D 1.10 End of Trial Pit at 1.10m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Orientation (d Remarks 2.00 Extremely poor None 0.35 83 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.10 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP162

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP162 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP162

Project ID: GT0386





	G	-					Tr	ial F	Pit Lo	og				
Project Name: Wansford to Sutton Dualling Supplementary GI						Client: Gal l ifor	d Try	Date: 04/03/2022						
Locat		<i>y</i>				Engineer: Sweco				Co-ords: E507379.35 N300326.75				
Proje	ct No. : 0	GT0386				Crew Name: JJ / JD				Equipment: JCB 3CX				
Location Number Location Type						Level Logged By 30.00m AOD JJ				Scale Page Number 1:25 Sheet 1 of 1				
Well	TP16:		TP Sample and In Situ Testin			Depth	Level		JJ	1:25 Sheet 1 of Stratum Description				
Well	Water Strikes	Sam Depth 0.10 - 0 0.10 - 0 0.10 - 0 0.10 - 0 0.25 - 0 0.40 - 0 0.40 0.50 - 0 0.90 - 0	(m) T _y 0.20 E 0.30 P 0.30 0.50 E 0.80	d in S ype ESBBIRD ESBRID ES	Results PID=0.00 PID=0.00	(m) 0.30	Level (m) 30.00 29.70	Legend	Grass over SILT with c Gravel is s limestone a Yellowish li sandy GRA subangular	dark brown slightly common fine rootlets ubangular and subrand flint. Ight brown and light AVEL. Sand is fine to rounded fine to the cobble content.	s sandy cla s. Sand is to ounded fin orangish to coarse. Cocoarse lime	fine to do de to coa corown of Gravel is estone.	coarse. arse layey s	2 3 4
														5 -
Pit Lengt	Dimensions h (m) Pit Wid		ientation tation (deg	, Di-	t Stability	Trend Shoring Used	ch Support	and Comm	ent Remarks			Pumping Rate	g Data Rema	ırke
2.00	_		88	i Pľ	Good	None None			remarks		Date 1	vare	rema	II NS
Weather:														
	Remarks													
Prior to	Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 0.95 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.													



Trial Pit Photographic Report

TP163

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Frial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP163



3. Side





TP163

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 31/03/2022 Co-ords: E509249.43 N299962.87 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 31.22m AOD **TP164** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 31.22 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. PID=0.00 0.10 PID 0.25 - 0.30 0.30 - 0.40 0.30 30.92 D Soft brown slightly clayey slightly sandy slightly ES gravelly SILT. Sand is fine to coarse. Gravel is 0.30 - 0.60 В subangular and subrounded fine to coarse limestone. 0.30 PID PID=0.00 0.50 HVP=25 0.60 - 0.65 D 1.00 - 1.30 В 1.00 30.22 Firm to stiff light grey slightly clayey slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular fine and medium limestone. 1.30 - 1.35 D HVP=70 1.50 2 2.00 m becoming stiff 2.40 - 2.70 В HVP=140 2.50 2.75 - 2.80 D 2.80 End of Trial Pit at 2.80m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (de Remarks 177 Good None 2.00 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.80 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP164

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photograph







Project:

Wansford to Sutton Dualling Supplementary GI

TP164



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP164

Project ID: GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 31/03/2022 Co-ords: E509296.89 N299870.89 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / BO Location Number Location Type Level Logged By Scale Page Number 30.32m AOD **TP165** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 30.32 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 FS common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.30 В subangular and subrounded fine to coarse flint. PID=0.00 0.10 PID 0.25 - 0.30 0.30 - 0.40 0.30 30.02 D Light brown and orangish brown slightly clayey very FS sandy GRAVEL. Sand is fine to coarse. Gravel is 0.30 PID PID=0.00 angular to subrounded fine to coarse limestone. 1.00 - 1.30 В 1.30 - 1.35 D 1.55 28.77 Very weak to weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to 1.60 End of Trial Pit at 1.60m 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Shoring Used Pit Width (Pit Stability Date Rate Remarks Remarks 2.15 Okay None 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.60 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP165

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP165 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP165

Project ID:

GT0386





Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 31/03/2022 Co-ords: E509386.08 N299689.08 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / BO **Location Number** Location Type Level Logged By Scale Page Number 27.94m AOD **TP166** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) (m) 27.94 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 ES common fine rootlets. Sand is fine to coarse. Gravel is 0.10 - 0.40 0.10 В subangular and subrounded fine to coarse flint. PID=0.00 PID 0.45 - 0.50 D 0.50 27.44 0.50 - 0.60 ES Yellowish brown and orangish brown slightly sandy PID=0.00 GRAVEL. Sand is fine to coarse. Gravel is angular to 0.50 PID subrounded fine to coarse limestone. 1.00 - 1.30 В 1.35 - 1.40 D 1.40 26.54 Orangish brown mottled light brown slightly silty HVP=50 1.50 slightly sandy gravelly CLAY. Sand is fine to coarse. 2 2.30 - 2.60 В 2.30 m becoming light grey HVP=65 2.50 2.70 - 2.75 D 2.70 m becoming stiff 2.75 HVP=130 2.70 End of Trial Pit at 2.75m 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Remarks Orientation (de Very good None 2.00 0.25 9 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.75 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



Trial Pit Photographic Report

TP166

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386

Trial Pit Photographs







Project:

Wansford to Sutton Dualling Supplementary GI

TP166

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP166 Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 24/02/2022 Co-ords: E510424.12 N300468.66 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD **Location Number** Location Type Level Logged By Scale Page Number **TP167** TP 35.43m AOD 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 0.05 - 0.15 35.43 Grass over dark brown slightly sandy clayey gravelly ES 0.05 - 0.20 SILT with common medium rootlets. Sand is fine to 0.15 - 0.20 D 0.20 coarse. Gravel is subangular and subrounded fine to 35.23 coarse limestone. 0.30 - 0.40 FS Soft greenish dark grey mottled brownish orangish brown slightly gravelly slightly sandy slightly silty CLAY. Sand is fine. Gravel is subrounded fine 1.00 - 1.30 В 1.00 HVP=40 1.95 - 2.00 D HVP=55 2 2.00 2.20 33.23 Firm to stiff greenish dark grey slightly silty slightly sandy slightly gravelly CLAY. Sand is fine and medium. Gravel is subangular to rounded fine to coarse very weathered limestone. 2.70 - 3.00 В 3.00 HVP=60 3 3.10 - 3.15 D 3.10 m becoming stiff and no longer firm to stiff 3.40 End of Trial Pit at 3.40m 3.50 HVP=80 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Very good None 2.00 0.35 204 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.40 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

TP167

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP167

Project ID:



3. Side





TP167

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Date: 24/02/2022 Client: Galliford Try Co-ords: E510543,27 N300464,36 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number Sheet 1 of 1 **TP168** TP 37.21m AOD 1:25 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) 37.21 Grass over dark brown slightly sandy clayey gravelly 0.10 - 0.20 FS SILT with common medium rootlets. Sand is fine and 0.10 - 0.30 В medium. Gravel is subangular fine to coarse 0.25 - 0.30 D limestone. 0.30 36.91 Orangish brown and brown clayey sandy GRAVEL 0.40 - 0.50 ES with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. Cobbles are subangular limestone. 0.90 m to 1.20 m medium cobble content. Cobbles 1.00 - 1.30 В are subangular limestone (75 mm x 40 mm x 15 1.20 36.01 Soft greenish dark grey mottled brownish orangish 1.25 - 1.30 D brown slightly silty slightly sandy CLAY. Sand is fine and medium. HVP=55 1.50 2.00 - 2.30 В 2 2.00 m becoming firm HVP=70 2.50 2.90 - 2.95 D 3.00 3 End of Trial Pit at 3.00m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width Pit Stability Shoring Used Date Rate Remarks Orientation (d Remarks Very good None 2.00 0.35 269 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.00 m due to hard

ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

TP168

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Pre condition





TP168

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP168

Project ID:

GT0386



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 23/03/2022 Co-ords: E509451.30 N299581.32 Location: Engineer: Sweco Equipment: JCB 3CX Project No.: GT0386 Crew Name: JJ / JD Page Number Location Number Location Type Level Logged By Scale 22.18m AOD **TP169** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Well Stratum Description Legend Strikes (m) (m) 22.18 Dark brown slightly sandy clayey gravelly SILT with 0.10 - 0.20 0.10 - 0.40 0.10 FS common fine rootlets. Sand is fine to coarse. Gravel is В subangular and subrounded fine to coarse flint. PID=0.00 PID 0.40 - 0.45 D 0.45 21.73 Soft to firm greenish light grey slightly mottled 0.50 - 0.60 ES orangish brown clayey sandy SILT. Sand is fine to PID=0.00 0.50 PID coarse. 1.00 - 1.30 В 1.00 HVP=35 1.30 - 1.35 D 2.00 - 2.30 В 2 HVP=65 2.00 2.30 - 2.35 D 3.00 HVP=130 3.00 19.18 Stiff dark grey slightly sandy very silty CLAY. Sand is 3.40 - 3.70 В 3.50 m becoming very stiff 3.60 HVP=155 3.70 End of Trial Pit at 3.70m 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Stability Shoring Used Pit Width (Date Rate Remarks Remarks 2.50 Excellent. None 0.25 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.70 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

TP169

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP169

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP169 Project ID:



5. Natural



Trial Pit Log Project Name: Wansford to Sutton Dualling Client: Galliford Try Date: 22/02/2022 Co-ords: E507965.82 N299784.34 Location: Engineer: Sweco Project No.: GT0386 Equipment: JCB 3CX Crew Name: JJ / JD Location Number Location Type Level Logged By Scale Page Number 28.74m AOD **TP170** TP 1:25 Sheet 1 of 1 Sample and In Situ Testing Water Depth Level Wel Legend Stratum Description Strikes (m) (m) Depth (m) 28.74 Grass over brown slightly sandy clayey gravelly SILT 0.10 - 0.20 FS with some rootlets. Sand is fine and medium. Gravel is subangular to subrounded fine to coarse limestone. 0.20 - 0.35 В 0.30 - 0.35 D 0.35 28.39 Brown slightly clayey sandy GRAVEL. Sand is fine to 0.40 - 0.50 ES coarse. Gravel is subangular fine to coarse limestone. 0.75 - 0.85 ES 0.90 - 0.95 D 0.90 - 1.10 0.90 - 1.10 В 1.10 27.64 Extremely weak to very weak light yellowish brown and weathered LIMESTONE. Recovered as slightly 1.20 - 1.50 В silty slightly sandy GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is subangular fine to coarse limestone. Cobbles are subangular D 1.50 - 1.55 limestone. 1.60 End of Trial Pit at 1.60m 2.00 - 2.30 В 2 3 5 Trench Support and Comment Pumping Data Dimensions Orientation Pit Width (Pit Stability Shoring Used Date Rate Remarks Remarks Good None 3.00 0.45 Weather: Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.60 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

TP170

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

TP170

Project ID:

GT0386



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP170

Project ID: GT0386



5. Natural



	G	_					Tr	ial F	Pit Lo	og						
Projec	ct Name ementa	: Wansfo	rd to Sut	ton Dua ll ing	Clie	Client: Galliford Try Date: 22/02/2022										
Locati		усы			Eng	ineer: Swe	co			Co-ords: E508	025.44 N2	99669	.97			
Projec	ct No. : (GT0386			+	w Name: Ju				Equipment: JCB 3CX						
Loc	cation N		Loc	cation Type TP		Level 22.71m A(OD	Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1				
Well	Water Strikes	Sam Depth (In Situ Testin	_	Depth (m)	Level (m)	Legend		Stratum De	escription					
		0.10 - 0 0.20 - 0 0.50 - 0	.20 E	S 3			22.71		Orangish brown and dark yellowish brown very sandy GRAVEL. Sand is fine and medium. Gravel is angular to subrounded fine to coarse limestone. 0.50 m to 1.20 m high cobble content. Cobbles are subangular limestone (<100 mm x 40 mm x 15							
		1.00 - 1 1.30 - 1				1.40				1.40 m low bould r limestone (<31 End of Trial F	0mm x 130			1 - 1		
														2		
														3		
														4		
D Pit Length 2.00	_		entation tation (deg 90	Pit Stability Very good	Sh	Trencl oring Used None	Support	I and Comm	ent Remarks			Pumpin Rate	g Data Rema	ırks		
Weath	er:				\perp		<u> </u>									
	digging t			ed of services. The sings in 300 mm la					r the pit was te	rminated at 1.40 m	due to hard					



GROUND TECHNOLOGY Victory Park, Attleborough Norfolk, NR17 1ZA Tel: 01953 459462

Trial Pit Photographic Report

TP171

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386

Trial Pit Photographs



1. Pre condition





Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

TP171 Project ID:



3. Side





Project:

Wansford to Sutton Dualling Supplementary GI

TP171 Project ID: GT0386



5. Post condition

	G	7					Tr	ial F	Pit Lo	og						
	ct Name ementa		rd to Sut	ton Dua ll ing	Clie	Client: Galliford Try Date: 01/03/2022										
Locati		усы			1	jineer: Swed				Co-ords: E507	'547.18 N	299899	9.10			
Proje	ct No. : (GT0386			1	w Name: JJ				Equipment: JCB 3CX						
Lo	cation N S10 1		Loc	cation Type TP		Level 30.04m A0	DC		ged By JJ		Page Number Sheet 1 of 1					
Well	Water Strikes			In Situ Testine		Depth (m)	Level (m)	Legend		Stratum D	escription					
Well		Depth (Legend	Grass over SILT with c Gravel is si limestone a Brown very Gravel is si limestone. From 0.80 0.90 m to 1	dark brown claye common fine rooth ubangular and su and rare fine flint. A sandy GRAVEL. ubangular and su m becoming lig. 1.00 m medium se subangular lir	ey slightly sets. Sand is brounded for the brown. cobble comestone (sandy gr s fine to co ne to co fine to co fine to co ntents.	coarse. parse arse. parse	2 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	vimensions h (m) Pit Wir) 0.		ientation tation (deg	Pit Stability Very good	Sh	Trenchoring Used None	Support	and Comm No	ent Remarks water ingress	s.	Date	Pumpir Rate	ng Data Rema	5 —		
Weath	er: Ove	ercast	$\neg \neg$	İ												
Rema			!													
Prior to	digging t									pit was back filled a ne in the Appendice						



S101

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386





1. Pre condition2. Base





3. Side 4. Topsoil



Project:

Wansford to Sutton Dualling Supplementary GI

S101

Project ID:

GT0386





5. Natural 6. Post condition

	Ч					۱r	ial F	olt Lo	og					
	ct Name ementa		ord to Sutto	n Dua ll ing	Client: Galliford Try Date: 21/02/2022									
Locati		•			Engineer: Swed	со			Co-ords: E50	7866.34 N	299636	.99		
Projec	ct No. :	GT0386			Crew Name: JJ] JD			Equipment: JCB 3CX					
Loc	cation N S102			tion Type TP	Level 22.52m A0	OD	Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1			
Well	Water Strikes			Situ Testing	(100)	Level (m)	Legend		Stratum D	escription				
Well		Sam Depth			(100)		Legend	few fine roo subangular and rare fir Dark brown coarse. Gra	n clayey slightly s otlets. Sand is fin r to subrounded f	sandy grave te to coarse ine to coarse AVEL. Sand ar fine to coa	elly SILT v. Gravel se limeste dis fine transce lime	is one Do stone.	2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
D Pit Lengti 2.000			ientation station (deg	Pit Stability Very good	Trenct Shoring Used None	h Support	and Comm	ent Remarks water ingress		Date	Pumpin Rate	g Data Rema	5	
Weath	er. Ov	ercast	\longrightarrow											
Rema		., cast			<u> </u>						\dashv			
Prior to	digging t				purpose of the pit w the order it was rem									



Project:

Wansford to Sutton Dualling Supplementary GI

S102

Project ID:

GT0386





1. Pre condition 2. Pit base





3. Pit side 4. Topsoil



Project:

Wansford to Sutton Dualling Supplementary GI

S102

Project ID:

GT0386





5. Natural 6. Post condition

	Gr	-				Trial Pit Log									
			ford to Su	utton Dua ll ii	ng C	Client: Galliford Try Date: 21/02/2022									
Locati	ementary on:	(il				ngineer: Swed				Co-ords: E507872.94 N299690.38					
Projec	t No. : G	T0386	3		С	rew Name: JJ	I JD			Equipment: JCB 3CX					
Loc	ation Nu S103	mber	Lo	ocation Type TP	е	Level 26.13m A0	OD	Logged By JJ		Scale 1:25	!		ge Numb		
Well	Water Strikes			d In Situ Te		Depth (m)	Level (m)	Legend		Stratum D	escriptior	ו			
	Strikes	Dept	h (m) T	ype Re	esults	1.30 1.50	26.13 25.73 24.83		SILT with fe Gravel is so limestone a Brown very Gravel is so	dark brown clayer fine rootlets. Subangular to subtained rare fine flint. sandy GRAVEL ubangular fine to sered very sandy I End of Trial I	ey slightly Sand is fine rounded fin . Sand is fi coarse lim	sandy ge to coar ne to coar ine to co nestone.	rown	1 2 3 4	
Di Pit Length 2.00		n (m) Or	Orientation entation (deg	Pit Stab Good		Trench Shoring Used None	Support	and Commo	ent Remarks water ingress		Date	Pumpi Rate	ng Data Rema	<u> </u>	
Weathe	er: Over	cast		1											
Rema													I	$\neg \neg$	
Prior to	digging the									oit was back filled a se in the Appendice					



Project:

Wansford to Sutton Dualling Supplementary GI

S103

Project ID:

GT0386





1. Pre condition 2. Pit base





3. Pit side 4. Topsoil



Project:

Wansford to Sutton Dualling Supplementary GI

S103

Project ID:

GT0386





5. Natural 6. Post condition

	G					Tr	ial F	Pit Lo	og							
Projec	t Name ementa	: Wansfo	rd to Sutto	n Dua ll ing	Client: Galliford	I Try			Date: 09/03/2	022						
Locati		усы			Engineer: Swed	co			Co-ords: E508	3540.82 N	299707	7.34				
Projec	et No. : (GT0386			Crew Name: JJ	J JD			Equipment: JCB 3CX							
Loc	cation N S104			ion Type TP	Level 15.94m A0	OD		ged By JJ	Scale 1:25		Page Number Sheet 1 of 1					
Well	Water Strikes	Sam Depth		Situ Testing Results		Level (m)	Legend		Stratum D	escription	escription					
		Бериг	(III) Type	result	0.50	15.94 15.44		with commonder Gravel is some flint.	n clayey slightly son fine rootlets. Subangular and subangular and sun clayey SAND. S	Sand is fine ubrounded t	to coar	se, oarse				
					1.50			Building	End of Trial				1			
													2			
													4			
Pit Length	imensions	lth (m) Orien	ientation tation (deg	Pit Stability	Shoring Used	1 Support	and Comm	Remarks		Date	Pumpi Rate	ng Data Rema	5 -			
1.40		25	194	Very poor	None		NO	water ingress								
Weath		ercast														
	digging t				purpose of the pit w the order it was rem											



Photograp	hic Report
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Project:

Wansford to Sutton Dualling Supplementary GI

S104

Project ID:

GT0386





1. Pre condition 2. Base





3. Side 4. Topsoil



Project:

Wansford to Sutton Dualling Supplementary GI

S104

Project ID: GT0386





5. Natural 6. Post condition

	Ч					۱r	ial F	olt Lo	og						
	ct Name ementar		d to Suttor	n Dua ll ing	Client: Galliford Try Date: 03/03/2022										
Locati		y CII			Engineer: Swe	со			Co-ords: E508	949.32 N	29953 ⁻	7.75			
Projec	ct No. : 0	ST0386			Crew Name: J.	J JD			Equipment: JC	B 3CX					
Loc	cation N			ion Type TP	Level 13.92m A	OD	Logged By JJ		Scale 1:25		Page Number Sheet 1 of 1				
Well	Water Strikes				()	Level (m)	Legend		Stratum De	Description					
Well		Depth (i			()		Legend	gravelly SII coarse. Gra coarse flint Reddish br SAND. Sar	dark brown claye T with common fi avel is subangular	ey slightly s ine rootlets r and subro wn silty ver e. Gravel is nd fine hig	y graves	is fine to fine to elly gular to	3 3 4		
		lth (m) Orienta	entation ation (deg 127	Pit Stability Very good	Trenc Shoring Used None	h Support	and Comm	ent Remarks water ingress		Date	Pumpi Rate	ng Data Rema	5 — arks		
Weath	er: Ove	rcast													
Rema	arks											1			
					purpose of the pit w the order it was rem										



S105

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386





1. Pre condition 2. Base





3. Side 4. Topsoil



Photograp	hic Report
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Project:

Wansford to Sutton Dualling Supplementary GI

S105

Project ID:

GT0386





	G					Tr	ial F	Pit Lo	g				
Projec	t Name ementar	: Wansfo	rd to Sutto	n Dua ll ing	Client: Galliford	d Try			Date: 01/04/2	022			
Locati		усы			Engineer: Swe	СО			Co-ords: E50	9533.86 N	29945	1.26	
Projec	t No. : 0	GT0386			Crew Name: Ju	J JD			Equipment: J	СВ ЗСХ			
Loc	cation N S106			tion Type TP	Level 20.06m A	OD		ged By JJ	Scale 1:25			ge Numb neet 1 of	
Well	Water Strikes			Situ Testing		Level (m)	Legend		Stratum D	escription			
	Strikes	Depth	(m) Type	Results	(m) 0.40	(m) 20.06		common fir fine to coar fine to coar	clayey slightly some rootlets and fesse. Gravel is subsee flint.	sandy grave ew coarse r coangular an	elly SILT ootlets. d subro	Sand is unded	1 2 3
	imensions n (m) Pit Wid		entation tation (deg	Pit Stability Good	Trencl Shoring Used None	n Support	and Comm No	ent Remarks water ingress		Date	Pumpi Rate	ng Data Rema	5 —
Weath	er: Ove	rcast											
Rema			•		•								
					purpose of the pit w the order it was rem								



S106

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:





1. Pre condition2. Base







Project:

Wansford to Sutton Dualling Supplementary GI

S106

Project ID:

GT0386





	G					Tr	ial F	Pit Lo	g				
Projec	t Name ementa	: Wansfo	rd to Sutto	n Dua ll ing	Client: Galliford	d Try			Date: 30/03/2	022			
Locati		усы			Engineer: Swe	со			Co-ords: E510	0086.33 N	299214	4.96	
Projec	t No. : (GT0386			Crew Name: Ju	J JD			Equipment: J0	СВ ЗСХ			
Loc	cation N S107			tion Type TP	Level 15.76m A	OD		ged By JJ	Scale 1:25			ge Numb heet 1 of	
Well	Water Strikes			Situ Testing		Level (m)	Legend		Stratum D	escription)			
	Strikes	Depth	(m) Type	Results	(m) 0.40	(m) 15.76		SILT with or Gravel is su flint.	dark brown clay ommon fine root ubangular and su	vey slightly s lets. Sand i ubrounded i	sandy gr s fine to fine to c	coarse. oarse	1 2 3 3 4 4 5
	imensions n (m) Pit Wid		entation tation (deg	Pit Stability Very good	Trencl Shoring Used None	h Support	and Comm No	ent Remarks water ingress		Date	Pumpi Rate	ng Data Rema	
Weath	er: Ove	rcast											
Rema													
					purpose of the pit w the order it was rem								



S107

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386





1. Pre condition2. Base







S107

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386





	G						Tr	ial F	Pit Lo	og				
	ct Name lementar		rd to Sut	ton Dua ll ing	Clie	nt: Galliford	Try			Date: 01/04/20)22			
Locat		y (11			Eng	ineer: Swed	00			Co-ords: E509	254.94 N	129995	1.99	
Proje	ct No. : 0	GT0386			Cre	w Name: JJ	JD			Equipment: JC	В ЗСХ			
Lo	cation N		Loc	cation Type TP		Level 31.44m AC	OD D		jed By JJ	Scale 1:25			ge Numb heet 1 of	
Well	Water	Sam	ple and	In Situ Testir	ng	Depth	Level	Legend		Stratum De	escription	1		
TO T	Strikes	Depth	(m) Ty	pe Result	ts	(m)	(m) 31.44	Logona	Dark brown	n clayey slightly s			with	
									common fir	ne rootlets. Sand r and subrounded	is fine to c	oarse. C	Gravel is	
						0.30	31.14		fine to coar	slightly silty sand rse. Gravel is sub rse limestone.	y gravelly angular ar	CLAY, S	Sand is unded	
						1.00	30.44		Firm to stiff	f light grey silty Cl	_AY.			1
						1.50		4		End of Trial F	Pit at 1.50m	ı		
														2 3 4 4 5
	imensions h (m) Pit Wic	Ori lth (m) Orien	entation tation (deg	Pit Stability	Sh	Trench oring Used	Support	and Comm	ent Remarks		Date	Pumpi Rate	ng Data Rema	arks
1.50 Weath	0.2		133	Good		None		No	water ingress	3.				
Rema													<u> </u>	
										oit was back filled a				



Project:

Wansford to Sutton Dualling Supplementary GI

S108

Project ID:

GT0386





1. Pre condition 2. Base







Project:

Wansford to Sutton Dualling Supplementary GI

S108

Project ID:

GT0386





	G					Tr	ial F	Pit Lo	og –				
Projec	t Name ementa	: Wansfo	rd to Sutto	n Dua ll ing	Client: Galliford	d Try			Date: 01/04/20	022			
Locati		усы			Engineer: Swe	со			Co-ords: E509	9302.22 N	299863	3.61	
Projec	et No. : (GT0386			Crew Name: J.	J JD			Equipment: JO	CB 3CX			
Loc	cation N S109			ion Type TP	Level 30.15m A	OD		ged By JJ	Scale 1:25			ge Numb heet 1 of	
Well	Water Strikes	Sam Depth (Situ Testing Results	/\	Level (m)	Legend		Stratum D	escription			
		Бериг	(III) Туре	Nesuits		30.15		common fir	n clayey slightly s ne rootlets. Sand and subrounded	is fine to co	oarse. G	Gravel is	-
					0.30 1.50	29.85		SAND. Sar	n and orangish br nd is fine to coars d fine to coarse li	se. Gravel i	s angula	y ar to	1 - 1
									End of That	Pil al 1.50m			2
													3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	imensions h (m) Pit Wid		entation tation (deg 248	Pit Stability Very good	Trenc Shoring Used None	h Support	and Comm	ent Remarks water ingress		Date	Pumpi Rate	ng Data Rema	5 —
Weath	er: Ove	ercast											
Rema	arks		<u>-</u>		1	·				1			
					purpose of the pit w the order it was rem								



Project:

Wansford to Sutton Dualling Supplementary GI

S109

Project ID:

GT0386





1. Pre condition 2. Base







Project:

Wansford to Sutton Dualling Supplementary GI

S109

Project ID:

GT0386





	G						Tr	ial F	Pit Lo	og				
	ct Name ementar		rd to Sutt	ton Dua ll ing	Clier	nt: Gal l iford	l Try			Date: 28/03/20	022			
Locati		y () 			Engi	neer: Swed	co			Co-ords: E509	9450.22 N	299587	'. 80	
Projec	t No. : 0	GT0386			Crev	v Name: JJ	I JD			Equipment: JO	CB 3CX			
Loc	cation N S110		Loc	ation Type TP		Level 22.42m AC	OD		ged By JJ	Scale 1:25	,		ge Numb neet 1 of	
Well	Water Strikes			In Situ Testing	-	Depth (m)	Level (m)	Legend		Stratum D	escription			
Well		Depth			-				common fir subangular	Stratum D In clayey slightly some rootlets. Sand or and subrounded greenish light grown silty slightly End of Trial I	andy grave is fine to co I fine to coa ey slightly r sandy CLA	oarse, G rse flint nottled	ravel is	2 3 4
Pit Length	imensions n (m) Pit Wid	th (m) Orien	ientation tation (deg	Pit Stability		oring Used	n Support	and Comm	Remarks		Date	Pumpir Rate	ng Data Rema	5 -
1.20				Very good		None		No	water ingress	i .				
Weath		ercast			<u> </u>									
Prior to	digging tl									oit was back filled a				



S110

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386





1. Pre condition2. Base







Project:

Wansford to Sutton Dualling Supplementary GI

S110

Project ID:

GT0386





	G						Tr	ial F	Pit Lo	og				
			ord to Su	tton Dua ll ing	Clie	ent: Gal l iford	l Try			Date: 08/04/20)22			
Locati	ementai on:	у (ы				gineer: Swed				Co-ords: E507	240.82 N30	00801.28	3	
Projec	t No. : 0	GT0386			-	ew Name: M		MC		Equipment: Ha	and tools			
	ation N	umber	Lo	cation Type TP		Level 41.00m A0		Logg	ed By 1M	Scale 1:25		Page Shee	Numbe	
Well	Water Strikes			I In Situ Test		Depth (m)	Level (m)	Legend		Stratum De	escription			
veil	Strikes	Depth	(m) T	/pe Resi	ults	(m) 0.30	(m) 41.00 40.70	Legellu	medium roo angular to s limestone. Medium str	sandy GRAVEL ots. Sand is fine to subrounded fine to frong light yellowis ESTONE. Sand is	with commoo o coarse, Gri o coarse flint th brown and is fine to coars	avel is and weather		2 3 4
	imensions (m) Pit Wid	th (m) Orie	rientation ntation (deg	Pit Stability Good	/ St	Trench noring Used None	Support	and Comme	ent Remarks water ingress			Pumping [Rate	ata Remar	5 —
Weathe	er: Sun	ny		Ì										
Rema		•										\top		
				cleared of servi minated at 1.20						e base. Adjacent to	the hand pit	а		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP101

Project ID:

GT0386





1. Pre condition

2. Pit



3. Post condition

	Ġ					Tr	ial F	Pit Lo	g				
	t Name ementar		ord to Sutto	n Dua ll ing	Client: Galliford	d Try			Date: 08/04/2	022			
Locati		у (ы			Engineer: Swe				Co-ords: E507		300769	9.35	
Projec	:t No. : (GT0386			Crew Name: M		MC		Equipment: H	and tools			
	ation N	umber	Loca	tion Type TP	Level 39.81m A		Logg	ged By MM	Scale 1:25			ge Numb	
Well	Water	Sam		Situ Testin	g Depth	Level	Legend		Stratum D				
Well	Strikes	Depth Depth			/\	(m) 39.81 39.51	Legend	medium roo angular to s limestone. Medium str	Stratum D I sandy GRAVEL I sand is fine subrounded fine ong light yellowis ESTONE. Sand is End of Trial	with common to coarse. Go to coarse flir sh brown and s fine to coa	ravel is nt and d weath	3	1 2 3 4 4 5
	imensions (m) Pit Wid	tth (m) Orier	rientation ntation (deg	Pit Stability Good	Trencl Shoring Used None	n Support	and Comm	ent Remarks water ingress			Pumpir Rate	ng Data Rema	
Weath	er: Sun	ny											
Rema	arks		•		•								
					using a CAT and Ge					o the hand pi	ta		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP102

Project ID:

GT0386





1. Pre condition





3. Post condition

	G					Tr	ial F	Pit Lo	og –				
	t Name		rd to Sutto	n Dua ll ing	Client: Galliford	d Try			Date: 08/04/2	022			
Locati		у (а			Engineer: Swe				Co-ords: E507	7245.60 N3	00743	3.28	
Projec	t No. : 0	GT0386			Crew Name: M		MC		Equipment: H	and tools			
	ation N	umber	Loca	tion Type	Level		Logg	ged By	Scale	·		ge Numb	
	DCP10 Water		l ple and Ir	TP n Situ Testing	39.30m A0	Level		ИM	1:25		Sr	neet 1 of	1
Well	Strikes	Depth			/\	(m)	Legend	Darida bassassa	Stratum D		6		
		Depth	(m) Type	e Results	0.30	39.30		medium roo angular to s limestone. Medium str	e sandy GRAVEL ots. Sand is fine subrounded fine ong light yellowis ESTONE. Sand is	to coarse. G to coarse flir sh brown an s fine to coa	ravel is it and d weath	;	2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	imensions n (m) Pit Wid	tth (m) Orier	ientation itation (deg	Pit Stability Good	Trenc Shoring Used None	n Support	and Comm	ent Remarks water ingress			Pumpir Rate	ng Data Rema	5 -
			\longrightarrow	Good	None		INU	water myress	•				
Weath		ny									-		
Prior to	hand dig				susing a CAT and Ge ogl due to target dep					o the hand pi	а		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP103

Project ID:

GT0386





1. Pre condition





3. Post condition

	G					Tı	rial F	Pit Lo	og			
	t Name ementar		ord to Su	tton Dua ll ing	Client: Gallifo	ord Try			Date: 07/04/2022	2		
Locati		УСЛ			Engineer: Sw				Co-ords: E50725		0695.84	
Projec	t No. : 0	GT0386			Crew Name:		MC		Equipment: Hand			
	cation N	umber	Lo	cation Type TP	Leve 39.40m	el	Logg	ged By //M	Scale 1:25		Page Num Sheet 1 o	
Well	Water	San		l In Situ Testir	ng Depth	Level	Legend		Stratum Desc	cription		
Well	Strikes	Depth		/pe Result	/\	39.40 39.10	Legend	medium ro angular to limestone. Medium sti	Stratum Descriptions Sandy GRAVEL with ots. Sand is fine to desubrounded	th common coarse. Gravecoarse flint a crown and when to coarse	rel is and veathered	2 3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	imensions n (m) Pit Wid	th (m) Orie	rientation ntation (deg	Pit Stability Good	Trer Shoring Used	nch Support	and Comm	ent Remarks water ingress		Pu Date Ra	mping Data ite Rem	5 -
Weathe	er: Sun	ınv						-				
Rema		шу		<u> </u>	1							
Prior to	hand digg				es using a CAT and 0 bgl due to refusal.				ne base. Adjacent to th	e hand pit a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP104

Project ID:

GT0386





1. Pre condition

2. Pit



3. Post condition

	G						Tr	ial F	Pit Lo	og				
			ord to Su	tton Dua ll ing	Clie	ent: Gal l iford	l Try			Date: 11/04/20)22			
Locati	ementai on:	УСЛ				jineer: Swed				Co-ords: E507		00669.73	}	
Projec	:t No. : (GT0386			-	w Name: M		MC		Equipment: Ha	and too l s			
	ation N	umber	Lo	cation Type TP		Level 39.90m A0		Logg	jed By MM	Scale 1:25		Page I Shee	Numbe	
Well	Water	San		l In Situ Test		Depth (m)	Level (m)	Legend		Stratum De	escription			
Well	Strikes	Depth	(m) Ty	/pe Resu	ılts	0.30	(m) 39.90 39.60	Legend	medium roo angular to s limestone. Medium str	n sandy GRAVEL ots. Sand is fine to subrounded fine to subround fine to subro	with commo o coarse, Gr to coarse flint sh brown and s fine to coars	avel is and weathere		3
	imensions (m) Pit Wid	th (m) Orie	rientation ntation (deg	Pit Stability Good	Sh	Trench oring Used None	n Support	and Comm	ent Remarks water ingress	i.		Pumping D Rate	ata Remar	5 —
Weath	er: Sun	ny		Ì										
Rema		•					<u> </u>				<u> </u>	T -		
Prior to	hand digg			cleared of servi						e base. Adjacent to	the hand pit	а		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP105

Project ID:

GT0386





1. Pre condition 2. Post condition

	G	-						Tr	ial	Pit Lo	og					
Projec	ct Name: ementar	Wansfo	rd to Si	utton	Dua ll ing	Clier	nt: Galliford	Try			Date: 11/04/2022					
Locat		y (31				Engineer: Sweco					Co-ords: E507302.42 N300575.89					
Projec	ct No. : C	ST0386				Crew Name: MM DB MC					Equipment: H	and too l s				
Location Number Location Type DCP106 TP						Level			gged By	Scale			ge Numb			
	Water		l ple an		Situ Testing		41.72m AC Depth	Level	Τ	MM T	1:25		Si	neet 1 of		
Well	Strikes	Depth		уре	Results		(m)	(m)	Legen		Stratum D					
							1.20	41.72		and commo	own sandy GRA\ on fine and medi avel is angular to one, brick and co r brick. End of Trial	um roots. Sa subrounde oncrete. Cob	and is fi d fine to	ne to coarse	1 2 3 3 4 4 5	
Г	imensions	Or	ientation	\perp^{\perp}			Trench	n Support	and Com	ment_			Pumnir	ng Data	Ļ	
	n (m) Pit Wid	th (m) Orier	tation (de	g F	Pit Stability Good	Sho	oring Used None			Remarks o water ingress	S.	Date	Rate	Rema	arks	
				$\frac{1}{2}$.=		.,	-: g. 500						
Rema	arks											1 1				
					red of services ed at 0.56 m b						ne base. Adjacent t	o the hand pi	t a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP106

2. Pit

Project ID:

GT0386





1. Pre condition



3. Post condition

	G						Tr	ial F	Pit Lo	og					
	t Name ementai		rd to Suf	tton Dua ll ing	Clie	ent: Gal l iford	l Try			Date: 01/03/2022					
Locati		y			Enç	gineer: Swed	co			Co-ords: E507608.33 N299883.36					
Projec	t No. : 0	3T0386			Cre	w Name: M	M DB I	ИC		Equipment: Hand tools					
Loc	cation N		Loc	cation Type TP		Level 29.73m A0			ged By ИМ	Scale 1:25			Page Number Sheet 1 of 1		
Well	Water Strikes			I In Situ Test		Depth (m)	Level (m)	Legend		Stratum D	escription				
	Strikes	Depth	(m) Ty	rpe Resu	ılts	(m) 0.40	(m) 29.73 29.33		SILT with of Gravel is so limestone and Brown very	r dark brown clay common fine root subangular and si and flint. y sandy GRAVEL subangular and si	rey slightly s lets. Sand is ubrounded f	s fine to ine to co	coarse oarse arse	1 2 3 4 5	
	imensions n (m) Pit Wid		ientation tation (deg	Pit Stability Good	Sh	Trench noring Used None	Support a	and Comm No	ent Remarks water ingress	6.	Date	Pumpi Rate	ng Data Rema		
Weath	er: Sun	ny													
Rema															
				cleared of servion						ne base. Adjacent t s.	o the hand p	it a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP107

Project ID:

GT0386



1. Pit

	G							Tr	ial F	Pit Lo	og				
			ord to S	utton	Dua ll ing	Client: Gall	liford	d Try			Date: 01/03/2022				
Supplementary GI Location:						Engineer: Sweco					Co-ords: E507704.04 N299815.15				
Projec	:t No. : (GT0386				Crew Nam			MC		Equipment: Ha	and too l s			
	ation N	umber	Lo		on Type P		evel		Logged By MM		Scale 1:25	,		ige Numb	
Well	Water Strikes	Sar		d In S	Situ Testino			Level (m)	Legend		Stratum D				
Well		Depth		Гуре	Results		5		Legend	few fine roo subangular and flint. Brown very	Stratum D In clayey slightly solutes. Sand is finite to subrounded find the sandy GRAVEL subangular fine to	e to coarse, ine to coarse. Sand is fine coarse limes	Grave limes to co	l is tone	2 3 4 1
	imensions (m) Pit Wid	lth (m) Orie	rientation ntation (de	eg F	Pit Stability Good	T Shoring Us None	rench	n Support :	and Comm	ent Remarks water ingress			Pumpi Rate	ng Data Rema	5 —
Weathe	r: Sur	nv		1											
Rema						<u> </u>								<u> </u>	
Prior to	hand dig					using a CAT ar gl due to refus					e base. Adjacent to	o the hand pit	а		



Photographic Report

DCP108

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID: GT0386



1. Pit

	Ġ						Tr	ial F	Pit Lo	og					
	t Name ementar		rd to Sutto	n Dua ll ing	Client: Ga	alliford	d Try			Date: 01/03/2	:022				
Locati		у сы			Engineer:	Swed	СО			Co-ords: E507747.46 N299795.25					
Projec	t No. : 0	GT0386			Crew Nar	ne: M	M DB	MC		Equipment: H	land too l s				
Loc	ation N			tion Type TP		.evel 5m A0	OD		ged By ИМ	Scale 1:25			age Numb heet 1 of		
Well	Water Strikes	Sam Depth		Situ Testin		pth n)	Level (m)	Legend		Stratum D	Description	l			
		Борит	(iii) Type	result		30	30.45 30.15		few fine ro subangula and flint.	n clayey slightly sotlets. Sand is fir	ne to coarse fine to coars	e. Grave se limes	el is stone		
						20	30.15		Brown ver	y sandy GRAVEL ubangular fine to	o coarse lim	estone.	parse.	2 3 4 4	
														5	
	imensions (m) Pit Wid		entation tation (deg	Pit Stability	Shoring U		n Support	and Comm	ent Remarks		Date	Pumpi Rate	ng Data Rema	arks	
0.30		30		Good	None			No	water ingress	<u> </u>					
Weathe	er: Sun	ny													
Rema	arks				1										
				eared of services ated at 0.73 m b						ne base. Adjacent t	to the hand p	oit a			



DCP109

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

ect ID: GT0386



1. Pit

	Ġ							Tr	ial F	Pit Lo	og					
			ord to Su	utton l	Dua ll ing	Client: Gal	liford	d Try			Date: 01/03/20)22				
Supplementary GI Location:						Engineer: Sweco					Co-ords: E507815.30 N299768.68					
Projec	:t No. : (GT0386				Crew Nam			MC		Equipment: Ha	and tools				
Location Number Location Type DCP110 TP						evel		Logged		Scale 1:25		Page N Sheet		r		
Well	Water Strikes			d In S	Situ Testing Results			Level (m)	Legend		Stratum De	escription				
						0.3	0.	29.48		with some subangular Brown very	r brown clayey slig rootlets. Sand is f r to subrounded fir y sandy GRAVEL. ubangular fine to	ine and medi ne to coarse Sand is fine	um. Grave limestone. to coarse.	el is	1 -	
						1.2	0				End of Trial F	Pit at 1.20m			3 4 5	
	imensions (m) Pit Wid		rientation ntation (deg	P	it Stability	T Shoring U:	renct sed	n Support	and Comm	ent Remarks			umping Da	ata Remarl	ks	
0.30			Judg	Τ	Good	None	-Ju		No	water ingress	S.			. wiiiuii		
Weath	er: Sun	ny		1												
Rema		ging the no	osition wa	s clear	ed of services	using a CAT ar	nd Ge	nny and sca	inned at 0.30) intervals to th	ne base. Adjacent to	the hand pit a				
					ed of services ed at 0.74 m b						.e sase. Aujacent to	. and mand pit o	1			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP110

Project ID:

GT0386



1. Pit

	G							Tr	ial F	Pit Lo	og			
			ord to Su	itton D	ua ll ing	Client:	Galliford	d Try			Date: 01/03/20	22		
Locati	ementai on:	у (ы				†	er: Swe				Co-ords: E507	884.24 N29	9756.42	
Projec	t No. : 0	GT0386				Crew N	lame: M	M DB	MC		Equipment: Ha	ınd too l s		
Loc	ation N		Lo	cation TP	Туре	28	Level 5.55m A	OD		jed By ИМ	Scale 1:25		Page Nu Sheet 1	
Well	Water Strikes	San Depth		In Sit	tu Testing Results		Depth (m)	Level (m)	Legend		Stratum De	escription		
							0.30	28.55		with some subangular Brown very	brown clayey slig rootlets. Sand is fir to subrounded fir r sandy GRAVEL. ubangular fine to d	ine and medine to coarse	um. Gravel limestone. to coarse.	is -
							1.20				End of Trial P	it at 1.20m		1
														2
														3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
														4—
														5 —
	imensions ı (m) Pit Wid		rientation ntation (deg		Stability	Shorin	Trencl g Used	h Support	and Comm	Remarks			umping Dat	a emarks
0.30	_	30			Good		one		No	water ingress				
Weathe	er: Sur	ny]										
Rema	arks					,		•						
									nned at 0.30 with arising		e base. Adjacent to	the hand pit a	a	



Photographic R	leport
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DCP111

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:



1. Pit

	G	-				Tr	ial F	Pit Lo	og			
			ord to Sut	ton Dua ll ing	Client: Galliford	d Try			Date: 01/03/2022	2		
Locati	ementar on:	/ (al			Engineer: Swe				Co-ords: E50796		921.28	
Projec	t No. : G	T0386			Crew Name: M	1M DB	MC		Equipment: Hand	d too l s		
Loc	ation Nu		Loc	cation Type TP	Level 24.04m A			ged By MM	Scale 1:25		Page Numb	
Well	Water Strikes	San Depth		In Situ Testin		Level (m)	Legend		Stratum Des	cription		
			(,		0.30	24.04		gravelly SII coarse. Gra coarse flint	dark brown clayey : LT with common fine avel is subangular a ish brown sandy ver	rootlets. Sand subround	and is fine to ded fine to	
						00.44		is fine to co	parse. Gravel is subarse limestone.	angular and	subrounded	
					0.60	23.44			f dark greenish grey Idy CLAY. Sand is fir			1-1
					1.20				End of Trial Pit	at 1.20m		3 3 4 5
Pit Length		h (m) Orier	rientation ntation (deg	Pit Stability Good	Shoring Used None	Support	and Comm	ent Remarks water ingress		Date Ra	mping Data ite Rema	arks
0.30				Good	ivone		INO	water ingress				
	arks hand digg	ing the po			s using a CAT and Ge				ne base. Adjacent to th	ne hand pit a		



DCP112

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

ect ID: GT0386



1. Pit

	G					Tr	rial F	Pit Lo	og		
			ord to Sut	ton Dua ll ing	Client: Gal l ifo	rd Try			Date: 01/03/2022		
Locati	ementai on:	у (ы			Engineer: Sw				Co-ords: E507965.4	2 N299939.42	
		GT0386			Crew Name: I		MC		Equipment: Hand too	ols	
	ation N	umber	Loc	cation Type TP	Leve 23.07m	ı	Logg	ged By //M	Scale 1:25	Page N Sheet	
Well	Water Strikes	San		In Situ Testii	ng Depth	Level	Legend		Stratum Descript		
	Strikes	<u>Depth</u>	(m) Ty	pe Resul		(m) 23.07		gravelly SI coarse. Gr coarse flint	r dark brown clayey sligh LT with common fine roo avel is subangular and s t.	tly sandy slightly tlets. Sand is fine ubrounded fine to	e to
					0.40 0.60	22.67		is fine to co	gish brown sandy very gr oarse. Gravel is subangu rse limestone.	avelly CLAY. San ılar and subround	d ded
						22.41		Firm to stif	f dark greenish grey mot ndy CLAY. Sand is fine a	tled orangish bro nd medium.	wn 1 1 1 1 1 1 1 1 1
					1.20				End of Trial Pit at 1.	20m	3
	imensions		rientation	Dit Ctah ilit.			and Comm			Pumping Da	
Pit Length 0.30	(m) Pit Wid	dth (m) Orien 30	ntation (deg	Pit Stability Good	Shoring Used None		No	Remarks water ingress	Dat	e Rate F	Remarks
Weath	er: Sur	iny									
Rema Prior to		ging the po	osition was	cleared of service	es using a CAT and G	Genny and sc	anned at 0.30) intervals to th	ne base. Adjacent to the ha	nd pit a	
					bgl due to refusal. I				Sassi / Mjaseni to the Ha		



Photographic	Report
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Project:

Wansford to Sutton Dualling Supplementary GI

DCP113

Project ID:

GT0386



1. Pit

	G					Tr	ial F	Pit Lo	og				
Projec	t Name ementar	: Wansfo	d to Sutto	n Dua ll ing	Client: Gallifor	d Try			Date: 02/03/20)22			
Locati		у (а			Engineer: Swe	eco			Co-ords: E508	032.73 N	29975	0.48	
Projec	et No. : 0	GT0386			Crew Name: N		MC		Equipment: Ha	and tools			
Loc	cation N			tion Type TP	Level 27.17m A		Logg	ged By //M	Scale 1:25			age Numb heet 1 of	
Well	Water Strikes	Sam Depth (Situ Testin	/·\	Level (m)	Legend		Stratum De	escription			
		Бориг	, .,,,,,	, recount	0.50	27.17 26.67	C. 1-21-1-1	gravelly SI coarse. Gr coarse flin	r dark brown claye LT with common f avel is subangula t. n silty sandy GRA	ine rootlets r and subro	s. Sand ounded	is fine to fine to	
					4.00	20.47		coarse. Gr coarse lim	avel is subangula estone.	r and subro	ounded	fine to	111111
					1,00 1.20	26.17		Weak light LIMESTON	yellowish brown a NE. Sand is fine to End of Trial F	coarse.		ry sandy	1 -
	imensions		entation action (deg	Pit Stability		ch Support	and Comm			Date		ng Data Rema	2 3 3 4 4 5 5 Irks
Pit Length	n (m) Pit Wid	lth (m) Orient 30	ation (deg	Pit Stability Good	Shoring Used None		No	Remarks water ingress	S.	Date	Rate	Rema	ırks
Weathe	er: Sun	nv	$\overline{}$										
Rema		,			I	<u> </u>						<u> </u>	
					s using a CAT and Go				ne base. Adjacent to	the hand p	it a		



DCP114

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386



1. Pit

	G							Tr	ial F	Pit Lo	og			
			ord to Su	utton l	Dua ll ing	Client: Gal	liford	d Try			Date: 02/03/2022			
Locati	ementai on:	у (ы				Engineer:					Co-ords: E508227		9737.71	
Projec	t No. : 0	GT0386				Crew Nam			MC		Equipment: Hand	tools		
	ation N	umber	Lo	ocatio TI	n Type P		evel		Logg	ged By MM	Scale 1:25		Page Nun Sheet 1 o	
Well	Water Strikes	Sar		d In S	Situ Testing	- /:-		Level (m)	Legend		Stratum Desc	ription		
Well		Depth		ype	Results	- /:-	30		Legend	fine rootlets subangular Orangish b	n clayey sandy grave s. Sand is fine to coa r and subrounded fine rown silty very grave Gravel is subangular	Ily SILT wit rse. Gravel e to coarse Ily SAND. s and subro	l is flint.	1 2 3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		dth (m) Orie 30	rientation ntation (deg	3 P	it Stability Good	Shoring U None	<u>Frencl</u> sed	n Support	and Comm No	ent Remarks water ingress			mping Data ate Rei	5 —
	hand dig				ed of services ed at 1.15 m b						e base. Adjacent to the	e hand pit a		



DCP115

Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

Project ID:



1. Pit

	G					Tr	rial F	Pit Lo	og			
			ord to Su	tton Dua ll ing	Client: Gal l ifor	d Try			Date: 02/03/2022			
Locati	ementai on:	у (ы			Engineer: Swe				Co-ords: E508377.8	39 N29971	8.43	
Projec	:t No. : (GT0386			Crew Name: N		MC		Equipment: Hand to	ols		
	ation N	umber	Lo	cation Type TP	Level 18.09m <i>A</i>		Logg	ged By MM	Scale 1:25	P	age Numb Sheet 1 of	
Well	Water		nple and	In Situ Testii	ng Depth	Level	Legend	/IIVI	Stratum Descrip		sneet i or	
*****	Strikes	Depth	(m) Ty	pe Resul	ts (m)	(m) 18.09	g	Dark brown	n slightly gravelly clayey		T with	
					1.20	17.79		Light brown silty gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. End of Trial Pit at 1.20m				1 - 2
												3
	imensions		rientation		Tren	 ch Support	and Comm			Pump	ing Data	
Pit Length	(m) Pit Wid	dth (m) Orie 30	ntation (deg	Pit Stability Good	Shoring Used None			Remarks water ingress	Da S.		Rema	arks
Weathe	er: Sur	ıny										
Rema		-		<u> </u>	1	1			l		1	
					es using a CAT and G bgl due to refusal. F				ne base. Adjacent to the ha	and pit a		



DCP116

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386



1. Pit

	Ġ					Tr	rial F	Pit Lo	og			
	t Name ementar		ord to Sut	tton Dua ll ing	Client: Gallifor	rd Try			Date: 07/04/2022			
Locati		у (ы			Engineer: Sw				Co-ords: E508987.	45 N2996	59.03	
Projec	t No. : 0	ST0386			Crew Name: N		MC		Equipment: Hand to	oo l s		
Loc	ation N		Loc	cation Type TP	Level 17.76m <i>F</i>		Logg	ged By //M	Scale 1:25	F	Page Numb Sheet 1 of	
Well	Water Strikes			In Situ Testi		Level (m)	Legend		Stratum Descri	ption		
Well		Depth		pe Resul		17.76 17.46	Legend	SILT with o Gravel is s flint.	Stratum Descri	ghtly sandy sand is fine nded fine to CLAY. San	to coarse. coarse	2 3
	imensions (m) Pit Wid	lth (m) Orier	rientation ntation (deg	Pit Stability Good	Tren Shoring Used None	ch Support	and Comm	ent Remarks water ingress		Pum ate Rate	ping Data Rema	5 -
\\/oa+h			\longrightarrow					-				
Weathe		пу								 		
Prior to	hand dig				es using a CAT and G bgl due to refusal. F				ne base. Adjacent to the h	nand pit a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP117

Project ID:

GT0386





1. Pre condition 2. Pit



	G						Tr	ial F	Pit Lo	og				
	t Name ementa		rd to Sutto	n Dua ll ing	Client: Ga	lliford	d Try			Date: 07/04/2	022			
Locati		у (ы			Engineer:	Swed	co			Co-ords: E50	9060.66 1	129956	3.87	
Projec	et No. : 0	GT0386			Crew Nan			MC		Equipment: H	and too l s			
Loc	cation N			tion Type TP	L	.eve l 3m A0		Logg	ged By ИМ	Scale 1:25	Э	Pa	age Numb Sheet 1 of	
Well	Water Strikes			Situ Testin		pth n)	Level (m)	Legend		Stratum D)escriptio	n		
Well		Depth (s (r	n) 35 65		Legend	Grass over SILT with of Gravel is s flint. Dark brown Sand is fin subrounde	Stratum C r dark brown clay common fine root ubangular and si n clayey slightly se to coarse. Grav d fine to coarse to grey silty slightly se End of Trial	rey slightly lets, Sand ubrounded sandy sligh vel is subar flint. sandy CLA	sandy g is fine to fine to atly grav ngular a	o coarse. coarse elly SILT. nd	2 3 4
	imensions in (m) Pit Wio		entation tation (deg	Pit Stability Good	Shoring L None	Jsed	1 Support	and Comm No	ent Remarks water ingress	S.	Date	Pump Rate	ing Data Rema	5 —
Weathe	er: Sur	ny												
Rema					1		I						1	
				ared of services						ne base. Adjacent t	to the hand	pit a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP118

Project ID:

GT0386





2. Pit 1. Post condition



	G					Tr	ial F	Pit Lo	og				
	t Name ementa		rd to Sutto	n Dua ll ing	Client: Galliford	l Try			Date: 08/04/20)22			
Locati		у (ы			Engineer: Swed				Co-ords: E509	167.77 N2	99494	.69	
		GT0386			Crew Name: M		MC		Equipment: Ha	and tools			
	ation N	umber	Loca	tion Type	Level		Logg	ged By	Scale			ge Numb	
	DCP1		nle and Ir	TP Situ Testing	21.17m A0	Level		/M	1:25		Sł	neet 1 of	1
Well	Strikes	Depth			/:=\	(m)	Legend		Stratum D				
						21.17		rootlets Sa	rey gravelly SANE and is fine to coar ded fine to coarse	se. Gravel is	on fine s subar	e ngular	
					0.30 0.50	20.87 20.67		gravelly CL fragments.	ish brown and rec AY with frequent Sand is fine to co	black carbo barse. Grave	naceou I is		
								Very stiff bl	to rounded fine t uish grey sandy (ous fragments. Sa	CLAY with fro	equent	black e.	1
					1.20				End of Trial F	Pit at 1.20m			3 3
					Tana	Survey					2	or Data	4
Pit Length	(m) Pit Wid	dth (m) Orien	ientation tation (deg	Pit Stability	Shoring Used	Support	and Comm	Remarks			^o umpir Rate	ng Data Rema	arks
0.30	0.	30		Good	None		No	water ingress	i .				
Weathe		iny											
	hand dig				using a CAT and Ger					the hand pit	а		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP119

2. Pit

Project ID:

GT0386





1. Pre condition



3. Post condition

	Ġ							Tr	ial F	Pit Lo	og			
	t Name ementar		ord to Su	utton	Dua ll ing	Client: Gal	liford	d Try			Date: 08/04/2022			
Locati		УСЛ				Engineer:					Co-ords: E509457	7.35 N299	9401.25	
Projec	:t No. : (GT0386				Crew Nam			MC		Equipment: Hand	tools		
	ation N	umber	Lo	ocatic T	on Type P		evel		Logg	ged By //M	Scale 1:25		Page No	
Well	Water Strikes	San Depth		d In S	Situ Testino Results			Level (m)	Legend		Stratum Desc	ription		
		Э ори		,,,,,		0.4	5	19.39 18.94	AL TO	fine rootlet subangular Yellowish t	orown sandy gravelly s. Sand is fine to coa r to subrounded fine a prown SAND AND GR	rse. Grave and mediur RAVEL. Sa	I is n flint. nd is fine t	
						12	0					ck carbona		1 -
							0				End of Trial Pit a	t 1.20m		3 -
	imensions		rientation		N. O		rencl	h Support :	and Comm				mping Da	ta
Pit Length 0.30	(m) Pit Wid		ntation (deរ្	g P	Pit Stability Good	Shoring Us None	sed		No	Remarks water ingress		Date Ra	ate F	Remarks
Weathe	er: Sun	ny		1										
Rema		•				<u> </u>		<u> </u>						
Prior to	hand dig					using a CAT ar gl due to refus					ne base. Adjacent to the	e hand pit a		



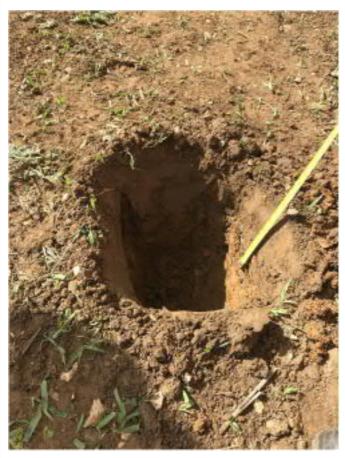
Project:

Wansford to Sutton Dualling Supplementary GI

GT0386

DCP120 Proje

Project ID:



1. Pit

	G					Tr	ial F	Pit Lo	og				
Projec	t Name ementa	: Wansfo	ord to Sut	ton Dua ll ing	Client: Galliford	d Try			Date: 07/04/2022				
Locati		у (ы			Engineer: Swe				Co-ords: E509162.70 N299959.57				
Projec	t No. : 0	GT0386			Crew Name: M		MC		Equipment: Hand tools				
	cation N	umber	Loc	cation Type TP	Level 26.46m A		Logged By MM		Scale 1:25	Page Nu Sheet 1			
Well	Water Strikes			In Situ Testir		Level (m)	Legend		Stratum Descript				
		Борин	,, <u>, , , , , , , , , , , , , , , , ,</u>	7,000.	0.45	26.46		common fii subangulai	n clayey slightly sandy gi ne rootlets. Sand is fine to r and subrounded fine to silty slightly sandy CLAY.	to coarse. Gravel is coarse flint.	5		
					1.20				End of Trial Pit at 1.	20m	1-		
											2		
											3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
											4		
	imensions n (m) Pit Wio	th (m) Orie	rientation ntation (deg	Pit Stability Good	Trenc Shoring Used None	h Support	and Comm	ent Remarks water ingress	Date	Pumping Data	5 —		
					140110		140	a.or mgross					
Weathe		ny											
	hand dig				es using a CAT and Ge bgl due to refusal. Pi				ne base. Adjacent to the ha	nd pit a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP121

Project ID:

GT0386





1. Pre condition

3. Post condition



	Ġ					Tr	ial F	Pit Lo	og			
	t Name ementar		rd to Sutto	n Dua ll ing	Client: Galliford	l Try			Date: 07/04/2022			
Locati		у (ы			Engineer: Swed				Co-ords: E5091	69.90 N30	00140.80	
Projec	t No. : 0	ST0386			Crew Name: M	M DB	MC		Equipment: Har	nd tools		
Loc	ation N			tion Type TP	Level 25.89m A0	OD		jed By //M	Scale 1:25		Page Number Sheet 1 of 1	
Well	Water Strikes			Situ Testing	(\	Level (m)	Legend	d Stratum Description				
Well	Water Strikes	Depth Depth			(\	Level (m) 25.89 25.59	Legend	common fir subangular Soft brown fine to coar	Stratum Design clayey slightly sand re rootlets. Sand is and subrounded full slightly silty sandy see. Gravel is subarse limestone. End of Trial Pi	ndy gravelly fine to coars gravelly CL ngular and s	rse Grave e flint AY Sand i	l is is
	imensions (m) Pit Wic 0.	lth (m) Orien	ientation tation (deg	Pit Stability Good	Trenct Shoring Used None	n Support	and Comm No	ent Remarks water ingress			umping Da Rate I	5 - ata Remarks
Weath		ny										
	hand digg				using a CAT and Ger				e base. Adjacent to t	the hand pit a	а	



Project:

Wansford to Sutton Dualling Supplementary GI

DCP122

Project ID:

GT0386





1. Pre condition



3. Post condition

2. Pit

	G					Tr	ial F	Pit Lo	og				
	t Name		rd to Sutto	n Dua ll ing	Client: Galliford	I Try			Date: 07/04/2022				
Locati		у (ы			Engineer: Swed				Co-ords: E509211.17	N30003	8.20		
Projec	t No. : 0	ST0386			Crew Name: M		MC		Equipment: Hand tools				
	ation N	umber		tion Type TP	Level 27.68m A0		Logged By MM		Scale 1:25	Page Number Sheet 1 of 1			
Well	Water Strikes			Situ Testin	/\	Level (m)	Legend		Stratum Description				
		·			0.35 0.70	27.68 27.33 26.98		subangular Soft to firm is fine to co	rey slightly sandy gravelly ne rootlets. Sand is fine to a rand subrounded fine to a dark brown silty slightly sparse. rey silty CLAY.	coarse.(Gravel is t.		
					1.20				End of Trial Pit at 1.20	Эm		1 -	
												2	
												4 1	
Pit Length	mensions (m) Pit Wid	lth (m) Orier	ientation itation (deg	Pit Stability Good	Shoring Used	n Support	and Comm	Remarks	Date		ing Data Rema	5 —	
0.30	0.	30		Good	None		No	water ingress	i. 				
Weathe		ny								<u></u>			
	hand dig				s using a CAT and Gel ogl due to refusal. Pit				ne base. Adjacent to the han	d pit a			



DCP123

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386





2. Pit 1. Pre condition



	G	-				Tr	ial F	Pit Lo	og			
Projec	t Name: ementar	Wansf	ord to Sut	ton Dua ll ing	Client: Gallifor	d Try			Date: 07/04/2022			
Locati		/ (31			Engineer: Swe	eco			Co-ords: E50934	4.11 N299	778.59	
Projec	t No. : G	T0386			Crew Name: M	/IM DB	MC		Equipment: Hand tools			
Loc	ation Nu		Loc	cation Type TP	Level 29.51m A			ged By MM	Scale 1:25		Page Numl Sheet 1 of	
Well	Water Strikes			In Situ Testin	(100)	Level (m)	Legend		Stratum Desc	cription		
Well		Depth			(100)		Legend	Dark brown common fir subangular Yellowish b GRAVEL. S	Stratum Description of clayey slightly sand are rootlets. Sand is fire and subrounded find rown and orangish because it is fine to coarse different of Trial Pit and of Trial Pi	ly gravelly Sine to coarse e to coarse orown slightle. Gravel is stone.	e. Gravel is flint. y sandy	2 3 4
												5
D Pit Length	imensions ı (m) Pit Widi		rientation ntation (deg	Pit Stability	Trend Shoring Used	h Support	and Comm	nent Remarks		Pur Date Ra	nping Data te Rem	arks
0.30 Weather	l er: Sunn arks	ny		Good	None			water ingress				
					s using a CAT and Ge				e base. Adjacent to the	e hand pit a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP124

Project ID: GT0386





1. Pre condition 2. Pit

	G					Tr	ial F	Pit Lo	og				
	t Name ementar		ord to Sutto	on Dua ll ing	Client: Galliford	l Try			Date: 07/04/2022				
Locati		у (зі			Engineer: Swed				Co-ords: E509431.15 N299593.91				
Projec	et No. : 0	ST0386			Crew Name: M	M DB	MC		Equipment: Hand tools				
	cation N	umber	Loca	ition Type TP	Level 22.64m A0	OD	Logged By D MM		Scale 1:25	Page N Sheet			
Well	Water Strikes			n Situ Testin		Level (m)	Legend		Stratum Descript	ion			
Well		Depth					Legend	common fi subangula	Stratum Description clayey slightly sandy grane rootlets. Sand is fine to rand subrounded fine to a sandy CLAY. Sand is fir	avelly SILT with o coarse. Gravel coarse flint.	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
											4		
	imensions n (m) Pit Wid	lth (m) Orier	rientation ntation (deg	Pit Stability Good	Trenct Shoring Used None	n Support	and Commo	ent Remarks water ingress	Date S.	Pumping Da	5 —		
Weath	er: Sun	ny											
	hand dig				s using a CAT and Gel bgl due to refusal. Pit				ne base. Adjacent to the har	nd pit a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP125

Project ID:

GT0386





2. Pit 3. Post condition



	G					Tr	ial F	Pit Lo	og				
	t Name ementa		ord to Sutto	on Dua ll ing	Client: Galliford	d Try			Date: 07/04/2022				
Locati		усы			Engineer: Swee	СО			Co-ords: E509639.15 N299452.25				
Projec	t No. : (GT0386			Crew Name: M	M DB	MC		Equipment: Hand tools				
Loc	ation N		Loca	tion Type TP	Level 21.10m A	ac		ged By MM					
Well	Water	San		n Situ Testin	g Depth	Level	Legend		Stratum Description				
Well	Strikes	Depth			(170)	21.10 20.75 20.40	Legend	Soft orangi CLAY. San subrounde	n clayey slightly sandy grane rootlets. Sand is fine to and subrounded fine to cash brown slightly sandy slid is fine to coarse. Gravel d fine to coarse limestone ish brown silty slightly san	velly SILT with coarse. Gravel is oarse flint. ightly gravelly is subangular and and rare fine flint. idy CLAY. Sand is	1 -		
0.30 Weathe	er: Sur	dth (m) Orier 30	ientation itation (deg	Pit Stability Good	Trenc Shoring Used None	n Support	and Comm	<u>ent</u> Remarks water ingress	Date	Pumping Data Rate Rei	4		
Rema		ging the no	osition was al	eared of services	s using a CAT and Go	nny and so	anned at 0.20) intervals to th	e base. Adjacent to the hanc	l nit a			
					s using a CAT and Ge bgl due to refusal. Pit				ie base. Aujacent to the hand	a pit a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP126

Project ID:

GT0386





1. Pre condition

3. Post condition



	Ġ							Tr	ial F	Pit Lo	og				
	t Name ementar		ord to Su	utton	Dua ll ing	Client: Ga	alliford	d Try			Date: 07/04/2022				
Locati		у (ы				Engineer:					Co-ords: E509845.80 N299363.99				
Projec	:t No. : (GT0386				Crew Nar			MC		Equipment: Hand tools				
	ation N	umber	Lo	ocatio T	on Type P	L	.evel 7m A0		Logged E		Scale 1:25		Page Number Sheet 1 of 1		
Well	Water Strikes	Sar			Situ Testino	- /	pth n)	Level (m)	Legend		Stratum De	escription			
Well		Depth		уре	Results	, (r			Legend	common fi subangula Light brow	n clayey slightly sa ne rootlets. Sand i r and subrounded n and brown very t rse. Gravel is ang	andy gravelly s fine to coars fine to coars gravelly SAN ular and subr	rse Grave flint	vel is	2 3
	imensions I (m) Pit Wid	lth (m) Orie	rientation ntation (deg	g P	Pit Stability Good	Shoring L None	Jsed	h Support	and Comm No	ent Remarks water ingress	5.		umping Rate	Data Rema	5 —
Rema Prior to	arks		osition wa	s clear	ed of services	using a CAT a	and Ge	nny and sca	nned at 0.30) intervals to th	ne base. Adjacent to	the hand pit a			
					ed of services ed at 0.36 m b						ic pase. Aujacent 10	me nanu pit a	' [



Project:

Wansford to Sutton Dualling Supplementary GI

DCP127

Project ID:

GT0386





1. Pre condition 2. Pit



	G					Tr	ial F	Pit Lo	og				
			ord to Su	tton Dua ll ing	Client: Gallifor	d Try			Date: 07/04/2022				
Locati	ementai on:	УСЛ			Engineer: Swe				Co-ords: E509955.71 N299320.58				
Projec	:t No. : (GT0386			Crew Name: N		MC		Equipment: Hand tools				
	ation N	umber	Lo	cation Type TP	Level 18.04m A		Logged By MM		Scale 1:25	Page Nur Sheet 1			
Well	Water Strikes	San		In Situ Testi	/\	Level (m)	Legend		Stratum Descript				
		Depth	(111)	pe Kesu	0.40	18.04		common fi subangula Brown and	n clayey slightly sandy gr ne rootlets, Sand is fine to r and subrounded fine to	to coarse, Gravel is coarse flint.			
					1 20				e to coarse, Gravel is sub d fine to coarse flint.	Ü	1		
					1.20				End of Trial Pit at 1.2	:0m	2		
											3		
											4		
	imensions (m) Pit Wid		rientation ntation (deg	Pit Stability	Trend Shoring Used	ch Support	and Comm	ent Remarks	Date	Pumping Data e Rate Re	marks		
0.30	_	30	(468	Good	None		No	No water ingress.					
Weathe	er: Sur	ny											
Rema		•			1	<u> </u>							
Prior to	hand dig				es using a CAT and Go n bgl due to refusal. P				ne base. Adjacent to the har	nd pit a			



Photographic R	eport
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Project:

Wansford to Sutton Dualling Supplementary GI

DCP128

Project ID:

GT0386





3. Post condition

1. Pre condition



	Ġ					Tr	ial F	Pit Lo	og				
	t Name ementar		rd to Sutto	n Dua ll ing	Client: Galliford	I Try			Date: 08/04/20)22			
Locati		у (ы			Engineer: Swed				Co-ords: E509998.95 N299219.52				
Projec	t No. : 0	ST0386			Crew Name: M		MC		Equipment: Ha	and tools			
	ation N	umber		ion Type TP	Level 16.42m A0		Logg	ged By MM	Scale 1:25			e Numb	
Well	Water Strikes	Sam	ple and In	Situ Testin	g Depth	Level (m)	Legend		Stratum De	escription	Cit	301 1 01	
	Strikes	Depth	(m) Type	Results	(m)	16.42		Dark brown clayey sandy gravelly SILT with common fine rootlets, Sand is fine to coarse, Gravel is					
					1.20	16.12		subangular Soft orangi Sand is fine	es. Sand is fine to de and subrounded sh brown slightly the to coarse. Grave define to coarse ling and of Trial F	sandy grave el is subangu mestone.	se flint.	Y	2 3 3 4
	imensions	lth (m) Orien	ientation tation (deg	Pit Stability Good	Trenct Shoring Used None	n Support	and Comm	ent Remarks water ingress			Pumping Rate	g Data Rema	5 Trks
				2000			140						
Weathe		ny									\dashv		
	hand digg				using a CAT and Geo					the hand pit	a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP129

2. Pit

Project ID:

GT0386





1. Pre condition



3. Post condition

	G						Tr	ial F	Pit Lo	og				
Projec	ct Name ementa	: Wansfo	rd to Sutto	n Dua ll ing	Client: G	Salliford	d Try			Date: 08/04/2	.022			
Locati		усы			Enginee	r: Swe	со			Co-ords: E50	9638.17 N	29918	4.46	
Projec	et No. : (GT0386			Crew Na	ame: M	M DB I	MC		Equipment: H	land too l s			
Loc	cation N			ion Type TP		Leve l 86m A0	OD		ged By //M	Scalo 1:25			age Numb Sheet 1 of	
Well	Water Strikes	Sam Depth		Situ Testin Results		epth (m)	Level (m)	Legend		Stratum D	Description			
		Борат	11)	research			17.86		fine rootlets	n clayey sandy g s. Sand is fine to and subrounde	coarse. Gr	avel is		
						0.30	17.56			rown and light b). Sand		3 3 4 4
														5 -
	imensions (m) Pit Wid		entation tation (deg	Pit Stability Good	Shoring Nor	Used	h Support	and Comm No	ent Remarks water ingress	i.	Date	Pump Rate	ing Data Rem	arks
Weathe	er: Sur	ny]											
Rema												\top		
				ared of services ated at 1.50 m k						ie base. Adjacent i s.	to the hand p	oit a		



Project:

Wansford to Sutton Dualling Supplementary GI

DCP130

Project ID:

GT0386





1. Pre condition





3. Post condition

	G							Tr	ial F	Pit Lo	og				
			ord to S	utton	Dualling	Client: Gall	liford	d Try			Date: 07/04/202	22			
Locati	ementai on:	у (ы				Engineer: \$					Co-ords: E5102		9505.25		
Projec	t No. : 0	GT0386				Crew Nam			MC		Equipment: Har				
	cation N	umber	L		on Type P		evel		Logg	ged By Scale Page Nu MM 1:25 Sheet 1					r
Well	Water Strikes				Situ Testino Results	D ep	th	Level (m)	Legend		Stratum De	scription			
						0.3		19.14		SILT with of Gravel is safflint. Orangish b	dark brown clayey ommon fine rootle' ubangular and sub rown mottled light d is fine to coarse.	ts. Sand is fi prounded fine brown silty s	ine to coarse	rse. e	
						1.2	0				End of Trial Pi	it at 1.20m			1 1 1 1 1 1 1 1 1 1
											End of Hilal Pl	icac (.2UII			
															2
															3
															4
	imensions		rientation				rencl	n Support	and Comm			P	umpi <u>ng</u> D		5
	n (m) Pit Wid		ntation (de	g F	Pit Stability Good	Shoring Us None	sed			Remarks water ingress	i.			Remark	(S
Weathe	er: Sur	ny		1											
Rema		•													
					red of services ed at 0.55 m b						e base. Adjacent to	the hand pit a			



DCP131

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386





3. Post condition

1. Pre condition



	G						Tr	ial F	Pit Lo	og				
Projec	t Name ementa	: Wansfo	Wansford to Sutton Dualling Client: Calliford Try											
Locati		усы				Engineer: Swed				Co-ords: E509994.98 N300638.15				
Projec	:t No. : (GT0386				Crew Name: M		MC		Equipment: Hand	d too l s			
	ation N	umber	Lo	cation Ty		Level 47.33m AC		Logg	ed By 1M	Scale 1:25		Page Nur Sheet 1		
Well	Water Strikes	San		l In Situ		Depth (m)	Level (m)	Legend		Stratum Des				
	Julkes	Depth	h (m) Type Results (m) (m) 47.33 Dark brown clayey gravelly SAND with common fin rootlets, Sand is fine to coarse. Gravel is subangulate to subrounded fine to coarse flint and limestone. 0.60 46.73 Strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.						ubangular stone.					
						1.20			LIMESTÓN	E. Sand is fine to co		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
													2	
													3	
													4	
													5 -	
	imensions		rientation		1 mz T	Trench	Support	and Comme				mping Data		
Pit Length 0.30	(m) Pit Wid	dth (m) Oriei 30	ntation (deg	Pit Sta Goo		Shoring Used None		No	Remarks water ingress	. +	Date Ra	ate Re	marks	
\\/oa+h))r: C	unv.		l										
Weathe		ırıy												
Prior to	hand dig					sing a CAT and Ger I due to refusal. Pit				e base. Adjacent to th	e hand pit a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP132

Project ID:

GT0386





1. Pre condition 2. Pit

	G						Tr	ial F	Pit Lo	og				
Projec	t Name ementa	: Wansfo	/ansford to Sutton Dualling Glient: Galliford Try Date: 24/02/2022											
Locati		УСЛ				gineer: Swed				Co-ords: E510141.80 N300573.28				
Projec	:t No. : 0	GT0386			-	ew Name: M		MC		Equipment: Hand tools				
	ation N	umber	Lo	cation Type TP		Level 41.47m AC		Logg	jed By MM	Scale 1:25		Page Nur Sheet 1		
Well	Water Strikes			I In Situ Tes		Depth (m)	Level (m)	Legend		Stratum Desc	ription			
		<u> Беріп</u>	41.47 Dark brown clayey gravelly SAND with common fin rootlets. Sand is fine to coarse. Gravel is subangulito subrounded fine to coarse flint and limestone. 40.87 Strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.					ubangular stone.						
						1.20					1 1			
									3					
	imensions		rientation			Trenct	ı Support	and Comm				mping Data		
	(m) Pit Wid	th (m) Orie	ntation (deg	Pit Stabilit Good	y St	horing Used None			Remarks water ingress				marks	
				2000				113						
Weathe		ny												
	hand dig					g a CAT and Ger ie to refusal. Pit				ne base. Adjacent to the	e hand pit a			



Project:

Wansford to Sutton Dualling Supplementary GI

DCP133

Project ID:

GT0386



1. Pit

	G						Tr	ial F	Pit Lo	og				
	t Name ementa		ord to Su	tton Dua ll ing	Client:	Galliford	d Try			Date: 24/02/20)22			
Locati		усы			Engineer: Sweco					Co-ords: E510293.59 N300514.94				
Projec	t No. : 0	GT0386			+		M DB I	MC		Equipment: Ha	and tools			
	ation N	umber	Lo	cation Type		Level		Logg	ged By	Scale			Numb	
	DCP1: Water		l nple and	TP I In Situ Testi		8.04m A0 Depth	Level		/M	1:25	<u> </u>	Sne	et 1 of	
Well	Strikes	Depth		/pe Resu		(m) Legend Stratum Description 38.04 Dark brown slightly clayey sandy GRAVEL w						9 20 1		
						0.75	38.04		cobble con angular to s plastic and Strong ligh	tent. Sand is fine subrounded fine t	to coarse. Go coarse flint	ravel is , limest	one,	2 3 3
	imensions (m) Pit Wid		rientation ntation (deg	Pit Stability Good		Trenching Used	n Support	and Comm	ent Remarks water ingress			umping Rate	Data Rema	5 —
Weathe	er: Sur	ıny												
Rema		•					I					\top		
				cleared of servic minated at 0.76 m						ne base. Adjacent to	the hand pit	a		



Photographic Repo	rt
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DCP134

Project:

Wansford to Sutton Dualling Supplementary GI

Project ID:

GT0386



1. Pit

	G					Tr	ial F	Pit Lo	og				
	t Name ementa		ord to Sut	ton Dua ll ing	Client: Galliford	d Try			Date: 07/04/2022				
Locati		у (ы			Engineer: Swee				Co-ords: E509325.15	N299527.35			
		GT0386			Crew Name: M		MC		Equipment: Hand tools				
	ation N	umber	Loc	ation Type TP	Level 20.88m A		Logg	ged By MM	Scale 1:25		Number		
Well	Water Strikes	San		In Situ Testin	Depth	Level (m)	Legend		Stratum Description				
	Ollikes	<u>Depth</u>	(m) Typ	pe Result	0.40	20.88		common fii subangulai	n clayey slightly sandy gra ne rootlets. Sand is fine to r and subrounded fine to o	el is			
								Very soft b coarse.	rown silty very sandy CLA	V. Sand is fine	to -		
					0.65	20.23			gish brown mottled light br Y. Sand is fine to coarse.	own silty slightl	1 -		
		End of Trial Pit at 1.20m						3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	imensions (m) Pit Wid		rientation ntation (deg	Pit Stability Good	Shoring Used None	- Support	and Comm	Remarks water ingress	Date	Pumping D Rate	Remarks		
				500u	None		NO	a.ci iligi c ss					
Weathe		iny											
Prior to	hand dig				s using a CAT and Ge bgl due to refusal. Pit				ne base. Adjacent to the han	d pit a			



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2. Pit 3. Post condition

