

A47 Wansford to Sutton Dualling

Scheme Number: TR010039

Volume 9

**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 Reference	TR010039
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 Supplementary GI	Client: Galliford Try	Date: 16/02/2022
Location:	Engineer: Sweco	Co-ords: E507718.99 N299558.13
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP113	Location Type TP	Level 20.49m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES		0.45	20.04		Grass over dark brown slightly sandy clayey gravelly SILT with frequent rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.	1 2 3 4 5	
		0.20 - 0.40	B							
		0.40 - 0.45	D		1.40	19.09		Brown clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.		
		0.50 - 0.60	ES							
		0.60 - 0.90	B		2.10	18.39		Extremely weak to very weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.		
		0.90 - 0.95	D							
		1.50 - 1.80	B		3.00	17.49		Dark orangish brown and light greenish brown clayey gravelly SAND. Sand is fine to coarse. Gravel is subrounded fine and medium limestone.		
		1.80 - 1.85	D							
		2.10 - 2.40	B							
		2.40 - 2.45	D							
3.00 - 3.10	B									
							Light grey slightly gravelly sandy SILT. Sand is fine and medium. Gravel is subangular fine limestone. End of Trial Pit at 3.10m			

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
4.00	0.30		Unstable	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP113

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP113

Project ID: GT0386



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP113

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 16/02/2022
Location:	Engineer: Sweco	Co-ords: E507825.35 N299595.18
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP114	Location Type TP	Level 19.70m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.05 - 0.10	D		0.40	19.70		Grass over dark brown slightly sandy clayey gravelly SILT with frequent rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.	
		0.10 - 0.20	ES						
		0.20 - 0.40	B						
				0.40 - 0.50	ES		18.65		Brown clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular fine to coarse limestone. Cobbles are subrounded limestone.
				0.50 - 0.80	B				
		0.80 - 0.85	D						
		1.05 - 1.20	B		1.05	18.65	<i>0.90 m becoming light yellowish brown and no longer brown</i>		
		1.15 - 1.20	D		1.20		Moderately weak light yellowish brown and weathered LIMESTONE. Recovered as silty sandy GRAVEL. Sand is fine to coarse. Gravel is subangular limestone.		
End of Trial Pit at 1.40m									



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
4.00	0.30		Unstable	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP114

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP114

Project ID: GT0386



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP114

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 16/02/2022
Location:	Engineer: Sweco	Co-ords: E507771.08 N299716.09
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP115	Location Type TP	Level 28.68m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.00 - 0.20	B		0.20	28.68		Grass over dark brown slightly sandy clayey gravelly SILT with frequent rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.
		0.05 - 0.10	D			28.48		
		0.10 - 0.20	ES					
		0.20 - 0.30	ES					
		0.20 - 0.40	B					
		0.40 - 0.45	D					
		1.00 - 1.30	B		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			
		End of Trial Pit at 2.00m						

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
4.00	0.30		Unstable	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP115

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP115

Project ID: GT0386



3. Pit side



4. Topsoil



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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP115

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 21/02/2022
Location:	Engineer: Sweco	Co-ords: E507869.96 N299705.58
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP116	Location Type TP	Level 26.74m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES		0.40	26.34		Dark brown slightly sandy clayey gravelly SILT with few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.	
		0.20 - 0.40	B						
		0.35 - 0.40	D		1.30	25.44		Brown clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular fine to coarse limestone. Cobbles are subrounded limestone. <i>0.55 m to 1.30 m becoming dark orangish brown</i>	
		0.40 - 0.50	ES						
		0.40 - 0.55	B						
		0.50 - 0.55	D						
		1.30 - 1.50	B		1.60			Extremely weak to very weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.	
		1.55 - 1.60	D						
		End of Trial Pit at 1.60m							



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
4.00	0.45		Good	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP116

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP116

Project ID: GT0386



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP116

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 22/02/2022
Location:	Engineer: Sweco	Co-ords: E507951.47 N299629.77
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP117	Location Type TP	Level 19.94m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES			19.94		Dark brown slightly sandy clayey gravelly SILT with few fine roots. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.
		0.20 - 0.50	B					
		0.60 - 0.65	D		0.75	19.19		Orangish brown and light brown clayey gravelly SAND. Sand is fine to coarse. Gravel is angular to subangular fine to coarse limestone.
		0.75 - 0.85	ES					
		0.90 - 1.20	B					
		1.20 - 1.25	D		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	B							
		2.80 - 2.85	D		3.50		End of Trial Pit at 3.50m	

Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
3.00	0.45			Poor past 3.25 m	None					
Weather:										

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP117

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP117

Project ID: GT0386



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP117

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 22/02/2022
Location:		Engineer: Sweco	Co-ords: E507983.05 N299644.49
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP118	Location Type TP	Level 21.93m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		0.30	21.93		Dark brown slightly sandy clayey gravelly SILT with few fine roots. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.
		0.10 - 0.30	B			21.63		
		0.25 - 0.30	D					
		1.00 - 1.10	ES					
		1.50 - 2.00	B					1.40 m and 2.50 m high cobble content (110 mm x 50 mm x 30mm) and low boulder content (< 340 mm x 120 mm x 40 mm) subangular limestone
		2.10 - 2.15	D					
					2.50			End of Trial Pit at 2.50m

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
3.00	0.45		Very good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP118

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Pit base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP118

Project ID: GT0386



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP118

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/03/2022
Location:	Engineer: Sweco	Co-ords: E508022.46 N299951.23
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP119	Location Type TP	Level 22.39m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00		22.39		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.
		0.10 - 0.40	B					
		0.10	PID					
		0.35 - 0.40	D	PID=0.00 HVP=50	0.45	21.94		Firm orangish brown slightly gravelly slightly sandy silty CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
		0.40 - 0.50	ES					
		0.40 - 0.65	B					
		0.40	PID	HVP=65	0.65	21.74		Firm to stiff dark greenish grey mottled orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine and medium. Gravel is fine to coarse subangular limestone.
		0.50	B					
		0.60 - 0.65	D					
		1.00 - 1.30	B	HVP=65	2.10	2.10		1.50 m becoming very stiff
1.00	B							
1.95 - 2.00	D							
2.00	PP							
2.00	PP							
End of Trial Pit at 2.10m								

Dimensions		Orientation		Trench Support and Comment				Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks			Date	Rate	Remarks
2.70	0.25	183	Very good	None						
Weather:										

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP119

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP119

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP119

Project ID: GT0386



5. Natural



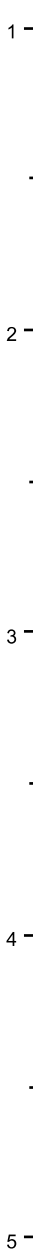
6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 23/02/2022
Location:		Engineer: Sweco	Co-ords: E507994.05 N299649.10
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX
Location Number TP120	Location Type TP	Level 21.92m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		0.30	21.92		Grass over dark brown mottled brown slightly gravelly clayey sandy SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.
		0.10 - 0.30	B			21.62		
		0.25 - 0.30	D					
		1.00 - 1.10	ES		2.20			1.30 m becoming light brown
		1.10 - 1.40	B					
		1.95 - 2.00	D					
End of Trial Pit at 2.20m								



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.40	124	Good	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP120

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP120

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP120

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 23/02/2022
Location:	Engineer: Sweco	Co-ords: E508025.67 N299655.46
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP121	Location Type TP	Level 22.37m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES		0.30	22.37		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.	
		0.10 - 0.30	B			22.07			Brown slightly sandy very silty GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. Cobbles are subrounded limestone.
		0.25 - 0.30	D						0.60 m to 1.00m some subangular and subrounded fine and medium flint gravel
		0.40 - 0.50	ES		2.10		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)		
0.70 - 1.00	B		End of Trial Pit at 2.10m						
		1.90 - 1.95	D						

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.40	93	Good	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP121

Project ID: GT0386

Trial Pit Photographs



1. Post condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP121

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP121

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/03/2022
Location:	Engineer: Sweco	Co-ords: E508042.81 N299714.47
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP122	Location Type TP	Level 25.52m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.45	25.02		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.
		0.10 - 0.40	B					
		0.10	PID					
		0.45 - 0.50	D					
		0.50 - 0.60	ES	PID=0.00	1.00	24.52		Dark brown and orangish brown slightly clayey very gravelly SAND. Sand is fine to medium. Gravel is subangular and subrounded fine to coarse limestone.
		0.50	PID					
		0.60 - 0.90	B					
		0.90 - 0.95	D		1.00			0.80 m and 1.00 m medium cobble content. Cobbles are subangular limestone (110 mm x 55 mm x 30 mm)
		1.05 - 1.10	D		1.10			
End of Trial Pit at 1.10m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	8	Very good	None					
Weather:									

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP122

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP122

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP122

Project ID: GT0386



5. Natural



6. Post condition

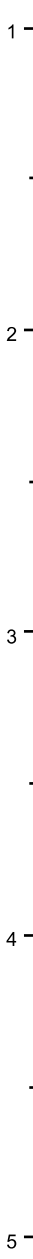


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/03/2022
Location:	Engineer: Sweco	Co-ords: E508114.11 N299710.41
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP123	Location Type TP	Level 23.45m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.10	0.45	23.00		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.
		0.10 - 0.40	B					
		0.10	PID					
		0.40 - 0.45	D	PID=0.00	1.70		23.00	
0.50 - 0.60	ES							
0.50	PID							
1.00 - 1.30	B						0.80 m high cobble content. Cobbles are subangular and subrounded limestone (70mm x 50mm x 35 mm)	
1.65 - 1.70	D						End of Trial Pit at 1.70m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks	
1.90	0.25	187	Very poor	None					
Weather:									

Remarks
 Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.70 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP123

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP123

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP123

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 09/03/2022
Location:		Engineer: Sweco	Co-ords: E508353.83 N299707.66
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP124	Location Type TP	Level 17.34m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		0.30	17.34		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.
		0.10 - 0.30	B					
		0.25 - 0.30	D					
		0.30 - 0.40	ES					
		1.00 - 1.20	B		1.20	16.14		Orangish brown and light brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
		1.15 - 1.20	D					
2.00 - 2.30	B		2.80			Grey and dark brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint.		
2.30 - 2.35	D							
End of Trial Pit at 2.80m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	204	Very poor	None					
Weather:									

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP124

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP124

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP124

Project ID: GT0386



5. Natural



6. Post condition



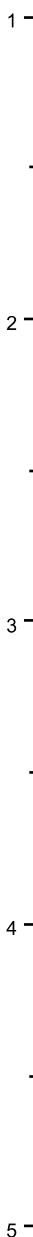
Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/03/2022
Location:	Engineer: Sweco	Co-ords: E508131.47 N299743.42
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP125	Location Type TP	Level 25.04m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.30	24.74		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.		
		0.10 - 0.30	B							
		0.10	PID							
				0.25 - 0.30	D	PID=0.00	0.65	24.39		Orangish brown clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone. Cobbles are subrounded limestone.
				0.30 - 0.40	ES					
				0.30 - 0.60	B					
		0.30	PID							
		0.60 - 0.65	D							
		0.65 - 0.70	D		0.70			Very weak to weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.		

End of Trial Pit at 0.70m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.80	0.25	164	Very good	None				
Weather:								

Remarks
 Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 0.70 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP125

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP125

Project ID: GT0386



3. Side



4. Natural



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP125

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford 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 TP126	Location Type TP	Level 17.89m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.35	17.89		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.
		0.10 - 0.30	B					
		0.10	PID					
		0.30 - 0.35	D					
		0.40 - 0.50	ES	PID=0.00				Orangish brown and light brown clayey very gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
		0.40	PID					
		1.00 - 1.30	B					<u>1.00 m no gravel present</u>
		1.90 - 1.95	D		2.00			End of Trial Pit at 2.00m

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	160	Very poor	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP126

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP126

Project ID: GT0386



3. Side



4. Topsoil



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP126

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 21/03/2022
Location:	Engineer: Sweco	Co-ords: E508468.82 N299648.34
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP127	Location Type TP	Level 11.11m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.40	10.71		Grass over dark brown clayey silty gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.40	B					
		0.10	PID					
		0.35 - 0.40	D	PID=0.00	0.40	10.71		Very soft to soft brown slightly sandy slightly gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.
		0.40 - 0.50	ES					
		0.40	PID					
1.00 - 1.30	B	HVP=35						
1.00								
1.95 - 2.00	D	HVP=40						
2.00								
2.70 - 3.00	B	HVP=150	2.70	8.41		Stiff bluish dark grey silty fissured CLAY.		
2.90								
2.95 - 3.00	D							
3.00							End of Trial Pit at 3.00m	

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
3.00	0.25		Very good.	None				
Weather:								

Remarks
 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
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP127

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP127

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP127

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 09/03/2022
Location:	Engineer: Sweco	Co-ords: E508585.82 N299706.80
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP128	Location Type TP	Level 15.36m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.55	14.81		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.	
		0.10 - 0.40	B						
		0.10	PID						
				0.45 - 0.50	D				
				0.60 - 0.70	ES	PID=0.00	1.90		Dark brown slightly gravelly clayey sandy SILT. Sand is fine to coarse. Gravel is subangular fine and medium limestone.
				0.60	PID				
				1.00 - 1.30	B				
				1.30 - 1.35	D				
		1.90 - 2.10	B	HVP=85	13.46		1.60 m to 1.90 m becoming gravelly. Gravel is subangular and subrounded fine to coarse flint and rare fine weathered limestone		
		2.00							
		2.05 - 2.10	D		2.10		Stiff light grey slightly clayey slightly sandy slightly gravelly SILT. Sand is fine. Gravel is subangular fine limestone.		
		End of Trial Pit at 2.10m							

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks	
2.00	0.25	133	Good	None					
Weather:									

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP128

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP128

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP128

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 21/03/2022
Location:		Engineer: Sweco	Co-ords: E508578.34 N299631.92
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP129	Location Type TP	Level 9.22m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.10	0.40	8.82		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.40	B					
		0.10	PID					
		0.35 - 0.40	D	PID=0.00	1.60			
0.50 - 0.60	ES							
		0.50	PID					
		1.00 - 1.30	B	HVP=40				
	▼	1.50 - 1.55	D					
End of Trial Pit at 1.60m								

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	89	Very poor.	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP129

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP129

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP129

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 21/03/2022
Location:	Engineer: Sweco	Co-ords: E508626.24 N299626.85
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP130	Location Type TP	Level 9.95m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.30	9.65		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D	PID=0.00	1.00	8.95		Soft orangish brown slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.	
		0.40 - 0.50	ES						
		0.40	PID						
		0.50 - 0.80	B	HVP=35	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.	
		0.50	B						
0.80 - 0.85	D	HVP=140	1.50	1.50					
1.50 - 1.80	B								
1.50	B	HVP=145	1.90	1.95					
1.90 - 1.95	D								
2.50 - 2.80	B	HVP=145	2.50	2.50		2.70 m becoming very stiff			
2.50	B								
2.90 - 2.95	D		2.95	2.95		End of Trial Pit at 2.95m	3		
									4
									5

Dimensions		Orientation		Trench Support and Comment				Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks			Date	Rate	Remarks
3.00	0.25	301	Very good.	None						
Weather:										

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP130

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP130

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP130

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 10/03/2022
Location:	Engineer: Sweco	Co-ords: E508692.25 N299627.99
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP131	Location Type TP	Level 13.81m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.45	13.36		Grass over dark brown slightly sandy slightly gravelly clayey SILT with few coarse rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.40	B					
		0.10	PID					
		0.40 - 0.45	D	PID=0.00				Firm light brown mottled orangish brown slightly sandy slightly gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.
		0.50 - 0.60	ES					
0.50	PID							
1.00 - 1.30	B	HVP=65						
1.50 - 1.55	D						1.40 m becoming gravelly. Gravel is subangular and subrounded fine to coarse flint and rare limestone	
2.00 - 2.30	B	HVP=75					2.20 m. Becoming very sandy. Sand is fine to coarse	
2.95 - 3.00	D			3.00			End of Trial Pit at 3.00m	

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
1.90	0.25	39	Excellent	None					
Weather:									

Remarks
 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

Project: Wansford to Sutton Dualling
Supplementary GI

TP131

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP131

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP131

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 10/03/2022
Location:	Engineer: Sweco	Co-ords: E508782.90 N299644.72
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP132	Location Type TP	Level 11.05m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.50	11.05		Grass over dark brown slightly sandy slightly gravelly clayey SILT with common fine rootlets and few coarse roots. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
		0.10	PID						
		0.20 - 0.50	B						
		0.45 - 0.50	D						
		0.60 - 0.70	ES	PID=0.00		2.40	10.55		Brown slightly clayey very sandy GRAVEL, Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.
		0.60	PID						
		1.00 - 1.30	B						
1.50 - 1.55	D								
2.00 - 2.30	B								
2.30 - 2.35	D								
End of Trial Pit at 2.40m									

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	143	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP132

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP132

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP132

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 11/03/2022
Location:	Engineer: Sweco	Co-ords: E508800.79 N299600.14
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP133	Location Type TP	Level 10.51m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.30	10.21		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.		
		0.10 - 0.30	B							
		0.10	PID							
				0.25 - 0.30	D	PID=0.00 HVP=30	0.90	9.61		Soft orangish brown mottled light brown slightly gravelly slightly sandy silty CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.
			ES							
			B							
			PID							
		0.30 - 0.60	D	1.70 - 2.00	2.00			Orangish brown and brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint.		
	B									
	PID									
		0.30	B	2.00 - 2.05	2.50			End of Trial Pit at 2.50m		
	D									
		0.50								
		0.60 - 0.65	D							

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.60	14	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP133

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP133

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP133

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI Client: Galliford Try Date: 11/03/2022
 Location: Engineer: Sweco Co-ords: E508854.05 N299584.89
 Project No. : GT0386 Crew Name: JJ / JD Equipment: JCB 3CX

Location Number: TP134 Location Type: TP Level: 9.36m AOD Logged By: JJ Scale: 1:25 Page Number: Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
	▼	0.10 - 0.20	ES	PID=0.00	0.35	9.01		<p>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.</p> <p>Orangish brown mottled light brown silty clayey gravelly SAND. Sand is fine to coarse. Gravel is subrounded fine and medium limestone.</p> <p>Brown and orangish brown clayey very gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.</p> <p>End of Trial Pit at 1.60m</p>
		0.10 - 0.35	B					
		0.10	PID					
		0.30 - 0.35	D	PID=0.00	1.20	8.16		
		0.40 - 0.50	ES					
		0.40	PID					
		0.50 - 0.80	B	HVP=40	1.60			
		0.50	B					
0.80 - 0.85	D							
1.00 - 1.20	B	HVP=35						
1.00	B							
1.15 - 1.20	D							

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	288	Very poor	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP134

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP134

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP134

Project ID: GT0386



5. Natural



6. Post condition



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP135

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP135

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP135

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 02/03/2022
Location:		Engineer: Sweco	Co-ords: E508917.56 N299475.10
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP136	Location Type TP	Level 11.47m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.40	11.07		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.	
		0.10 - 0.40	B						
		0.10	PID						
				0.35 - 0.40	D				
				0.50 - 0.60	ES	PID=0.00	1.10		Very soft orangish brown slightly clayey slightly gravelly silty SAND. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone.
				0.50	PID				
		0.60 - 0.90	B						
		1.00 - 1.05	D						
		1.50 - 1.80	B						
		2.00 - 2.05	D	2.20	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.		
		2.00 - 2.20	B						
End of Trial Pit at 2.20m									

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	155	Good	None					
Weather:									

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP136

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP136

Project ID: GT0386



3. Side



4. Topsoil



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP136

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 02/03/2022
Location:	Engineer: Sweco	Co-ords: E508907.11 N299569.53
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP137	Location Type TP	Level 11.64m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description					
		Depth (m)	Type	Results									
		0.10 - 0.20	ES	PID=0.00	0.50	11.64		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.					
		0.10 - 0.40	B										
		0.10	PID										
		0.35 - 0.40	D										
		0.60 - 0.70	ES	PID=0.00						11.14		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.	
		0.60	PID										
1.00 - 1.30	B												
1.30 - 1.35	D												
2.70 - 3.00	B												
2.95 - 3.00	D												
	▼			3.00			End of Trial Pit at 3.00m						

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	241	Very good	None					
Weather:									

Remarks
 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
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP137

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP137

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP137

Project ID: GT0386



5. Natural



6. Post condition



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 TP138	Location Type TP	Level 13.61m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.10 - 0.20	ES	PID=0.00	0.70	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.				
		0.10	PID									
		0.20 - 0.50	B									
		0.50 - 0.55	D	PID=0.00					2.60			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.
		0.80 - 0.90	ES									
		0.80	PID									
1.00 - 1.30	B											
1.35 - 1.40	D	PID=0.00	2.60			2.10 m subangular limestone boulder encountered (470 mm x 250 mm x 110 mm)						
2.20 - 2.50	B											
2.50 - 2.55	D											
End of Trial Pit at 2.60m												

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	242	Relatively poor	None					
Weather:									

Remarks
 Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 2.60 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP138

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP138

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP138

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 25/03/2022
Location:	Engineer: Sweco	Co-ords: E509004.19 N299643.47
Project No. : GT0386	Crew Name: MM / BO	Equipment: JCB 3CX

Location Number TP139	Location Type TP	Level 18.52m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.00 - 0.20	B	HVP=100	0.20	18.52		Dark brown clayey sandy GRAVEL with frequent fine rootlets and low cobble content, Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint and limestone. Cobbles are subangular limestone.
		0.10 - 0.20	D					
		0.10 - 0.20	ES					
		0.20 - 0.30	D					
		0.20 - 0.40	B					
		0.30 - 0.40	ES					
		0.30						
		0.50 - 0.60	D					
		0.50 - 0.70	B					
		1.00						
1.60 - 1.70	D	1.60	16.92		Light brown and orangish brown very clayey sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone.			
1.60 - 1.80	B							
2.40 - 2.50	B	2.40	16.12		Weak orangish brown sandy weathered LIMESTONE. Sand is fine to coarse.			
2.40 - 2.50	D							
End of Trial Pit at 2.50m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.50	0.25	153	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
Victory Park, Attleborough
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP139

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP139

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP139

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 25/03/2022
Location:		Engineer: Sweco	Co-ords: E509033.20 N299637.17
Project No. : GT0386		Crew Name: MM / BO	Equipment: JCB 3CX

Location Number TP140	Location Type TP	Level 20.11m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.00 - 0.10	D		0.30	19.81		Dark brown slightly clayey gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint and limestone.	
		0.00 - 0.10	ES						
		0.00 - 0.20	B						
		0.30 - 0.40	D						
		0.30 - 0.40	ES						
		0.30 - 0.50	B						
		1.00 - 1.10	D						
		1.00 - 1.20	B						
		1.70 - 1.80	D						HVP=100
		1.70 - 1.90	B						
1.80									
2.50 - 2.60	B	HVP=100							
2.50 - 2.60	D								
2.50									
3.40		HVP=120							
3.50 - 3.60	B								
3.50 - 3.60	D								
				4.00			End of Trial Pit at 4.00m		

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.50	0.25	150	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP140

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP140

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP140

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 30/03/2022
Location:	Engineer: Sweco	Co-ords: E509123.50 N299506.86
Project No. : GT0386	Crew Name: MM / JH	Equipment: Sany SY155U

Location Number TP141	Location Type TP	Level 20.84m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	D	HVP=240	0.30	20.84		Brown clayey gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint.
		0.10 - 0.20	ES					
		0.10 - 0.30	B					
		0.30 - 0.40	D					
		0.30 - 0.40	ES					
		0.30 - 0.50	B					
		0.50 - 0.60	D					
		0.50 - 0.70	B					
		0.60	B					
		1.50						
1.90 - 2.00	B	HVP=240	1.90	18.94			Strong light yellowish brown sandy LIMESTONE. Sand is fine to coarse.	
1.90 - 2.00	D							
End of Trial Pit at 2.00m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks	
2.00	0.40	175	Good	None					
Weather:									

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP141

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP141

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP141

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 25/03/2022
Location:	Engineer: Sweco	Co-ords: E509089.88 N299606.98
Project No. : GT0386	Crew Name: MM / BO	Equipment: JCB 3CX

Location Number TP142	Location Type TP	Level 22.00m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.00 - 0.10	D	HVP=110	0.30	21.70		Dark brown slightly clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint and limestone. Cobbles are subangular limestone.
		0.00 - 0.10	ES					
		0.00 - 0.20	B					
		0.30 - 0.40	D					
		0.30 - 0.40	ES					
		0.30 - 0.50	B					
		1.50 - 1.60	D					
		1.50 - 1.70	B					
		2.70 - 2.80	D					
		2.70 - 2.90	B					
3.00								
3.40 - 3.50	B							
3.40 - 3.50	D							
				3.50				End of Trial Pit at 3.50m

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.50	0.25	255	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP142

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP142

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP142

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 28/03/2022
Location:		Engineer: Sweco	Co-ords: E509092.32 N299569.90
Project No. : GT0386		Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP143	Location Type TP	Level 21.44m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.30	21.14		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.		
		0.10 - 0.30	B							
		0.10	PID							
				0.25 - 0.30	D	PID=0.00				Light brown and brown slightly clayey very gravelly SAND. Sand is fine to coarse. Gravel is angular and subrounded fine and coarse flint and limestone.
				0.30 - 0.40	ES					
				0.30	PID					
				1.00 - 1.30	B					
				1.30 - 1.35	D					
				2.10 - 2.40	B		2.10	19.34		Light grey clayey silty SAND and GRAVEL. Sand is fine. Gravel is subrounded fine to coarse limestone.
				2.95 - 3.00	D		3.20			<u>2.80 m becoming stiff</u>
		3.00 - 3.20	B							
		3.15 - 3.20	D							
		End of Trial Pit at 3.20m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
3.00	0.25	186	Very good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP143

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP143

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP143

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 30/03/2022
Location:	Engineer: Sweco	Co-ords: E509257.83 N299452.11
Project No. : GT0386	Crew Name: MM / JH	Equipment: Sany SY155U

Location Number TP144	Location Type TP	Level 20.86m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.00 - 0.20	B		0.30	20.86		Soft dark brown sandy gravelly CLAY with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint.		
		0.10 - 0.20	D							
		0.10 - 0.20	ES							
				0.40 - 0.50	B		1.75	19.11		Light yellowish brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium flint and limestone.
				0.40 - 0.50	D					
				0.40 - 0.50	ES					
				1.75 - 1.85	D		1.90	18.96		Stiff blueish grey and orangish brown slightly clayey slightly sandy slightly gravelly SILT with frequent black carbonaceous fragments. Sand is fine to coarse. Gravel is subangular fine and medium carbonaceous fragments.
				1.75 - 1.90	B					
				1.90 - 2.00	B					
				1.90 - 2.00	D		2.20			Strong light yellowish brown sandy LIMESTONE. Sand is fine to coarse.
		1.90 - 2.00	D							
End of Trial Pit at 2.20m										

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.40	277	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP144

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP144

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP144

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/03/2022
Location:	Engineer: Sweco	Co-ords: E509208.70 N299550.87
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP145	Location Type TP	Level 22.44m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.30	22.44		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.30	B					
		0.10	PID					
		0.25 - 0.30	D					
		0.30 - 0.40	ES					
		0.30	PID	PID=0.00				Light brown and orangish brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		1.00 - 1.30	B					
		1.30 - 1.35	D					
		2.00 - 2.30	B					
		2.85 - 2.90	D		2.90			
End of Trial Pit at 2.90m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	108	Poor.	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP145

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP145

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP145

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/03/2022
Location:	Engineer: Sweco	Co-ords: E509356.84 N299516.63
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP146	Location Type TP	Level 20.41m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.30	20.11		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.30	B					
		0.10	PID					
		0.25 - 0.30	D	PID=0.00				Soft to firm greenish light grey slightly mottled orangish brown slightly sandy slightly gravelly very clayey SILT. Sand is fine to coarse. Gravel is subrounded fine to coarse limestone.
		0.30 - 0.40	ES					
		0.30	PID	HVP=55				
		0.40 - 0.70	B					
		0.70 - 0.75	D	HVP=140				
		1.00						
		1.10 - 1.40	B					
1.40 - 1.45	D	HVP=150						
2.00 - 2.30	B							
2.00		HVP=150						
2.40								
2.45 - 2.50	D			2.50			End of Trial Pit at 2.50m	

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	42	Very good.	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP146

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP146

Project ID: GT0386



3 Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP146

Project ID: GT0386



5. natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 30/03/2022
Location:	Engineer: Sweco	Co-ords: E509360.28 N299421.21
Project No. : GT0386	Crew Name: MM / JH	Equipment: Sany SY155U

Location Number TP147	Location Type TP	Level 20.47m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.00 - 0.30	B		0.30	20.47		Soft dark brown sandy gravelly CLAY with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium flint.
		0.10 - 0.20	D					
		0.10 - 0.20	ES					
		0.40 - 0.50	B		0.50	20.17		Firm reddish brown and dark brown slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is angular to subrounded fine and medium flint and limestone.
		0.40 - 0.50	D					
		0.40 - 0.50	ES					
		0.60 - 0.70	D					
		0.60 - 0.80	B		1.50 - 1.60	D		Yellowish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium flint, limestone and black carbonaceous fragments.
		2.00			End of Trial Pit at 2.00m			



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.40	179	Very poor	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP147

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP147

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP147

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/03/2022
Location:	Engineer: Sweco	Co-ords: E509427.54 N299475.35
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP148	Location Type TP	Level 19.98m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.35	19.63		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.		
		0.10 - 0.35	B							
		0.10	PID							
				0.30 - 0.35	D	PID=0.00	2.10	17.88		Brown slightly clayey slightly gravelly very silty SAND. Sand is fine to coarse. Gravel is subrounded fine and medium limestone.
				0.40 - 0.50	ES					
				0.40	PID					
		1.00 - 1.30	B							
		1.30 - 1.35	D							
		2.10 - 2.40	B		2.70					
		2.40 - 2.45	D							
		End of Trial Pit at 2.70m								

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	8	Good but very poor from 2.40 m.	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
Victory Park, Attleborough
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP148

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP148

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP148

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/03/2022
Location:	Engineer: Sweco	Co-ords: E509457.05 N299543.39
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP149	Location Type TP	Level 20.98m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.30	20.98		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.30	B					
		0.10	PID					
		0.25 - 0.30	D	PID=0.00	0.30	20.68		Soft to firm greenish light grey mottled orangish brown slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subrounded fine limestone.
		0.30 - 0.40	ES					
		0.30	PID					
		1.00 - 1.30	B	HVP=45	3.60			
		1.00						
		1.30 - 1.35	D					
		2.00 - 2.30	B	HVP=70	3.60			
2.00								
2.30 - 2.35	D							
3.00 - 3.30	B	HVP=75	3.60					
3.00								
3.40		HVP=95	3.60					
3.55 - 3.60	D							
End of Trial Pit at 3.60m								

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	23	Very good.	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP149

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP149

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP149

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 23/03/2022
Location:	Engineer: Sweco	Co-ords: E509573.79 N299443.73
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP150	Location Type TP	Level 20.28m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.30	19.98		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D						
		0.40 - 0.50	ES						
	0.40	PID	PID=0.00						
		1.00 - 1.30	B	HVP=65	1.40	18.88		Firm orangish brown slightly sandy slightly gravelly clayey SILT. Sand is fine and medium. Gravel is subrounded to subangular fine and medium limestone.	1
	1.00								
		1.30 - 1.35	D						
		2.00 - 2.30	B						2
		2.95 - 3.00	D		3.00				3
		End of Trial Pit at 3.00m							3
									4
									5

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.70	0.25	101	Very good.	None					
Weather:									

Remarks
 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

Project: Wansford to Sutton Dualling
Supplementary GI

TP150

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP150

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP150

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 23/03/2022
Location:	Engineer: Sweco	Co-ords: E509550.72 N299484.15
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP151	Location Type TP	Level 20.68m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.40	20.68		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets and few coarse rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.40	B					
		0.10	PID					
		0.25 - 0.30	D	PID=0.00		20.28		Dense orangish brown clayey very silty SAND. Sand is fine.
		0.40 - 0.50	ES					
		0.40	PID					
1.00 - 1.30	B	1.50 m and 2.10 m becoming stiff	2.10	18.58				
1.30 - 1.35	D							
2.10 - 2.40	B	End of Trial Pit at 3.10m	3.10					
2.40 - 2.45	D							

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	117	Good.	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP151

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP151

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP151

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E509606.01 N299376.27
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP152	Location Type TP	Level 19.41m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.40	19.01		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.40	B					
		0.10	PID					
		0.35 - 0.40	D	PID=0.00	1.70	17.71		Orangish brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subrounded fine and medium limestone.
		0.40 - 0.50	ES					
0.40	PID							
1.00 - 1.30	B	PID=0.00	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.		
1.30 - 1.35	D							
2.00 - 2.30	B	PID=0.00	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.		
2.80 - 2.85	D							
				2.85			End of Trial Pit at 2.85m	

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.10	0.25	94	Very good	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP152

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP152

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP152

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 22/03/2022
Location:		Engineer: Sweco	Co-ords: E509723.08 N299418.08
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP153	Location Type TP	Level 20.51m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.10	0.30	20.51		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1 2 3 4 5
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D	PID=0.00	20.21		Hard dark grey heavily weathered SANDSTONE.		
		0.30 - 0.35	D						
		0.40 - 0.50	ES	HVP=60	0.40	20.11		Light brown and brown slightly slightly clayey gravelly sandy SILT. Sand is fine to coarse. Gravel is angular and subrounded fine and medium flint.	
		0.40	PID						
		1.00 - 1.30	B	HVP=80	3.20				
		1.00	D						
		1.30 - 1.35	D						
2.00									
2.30 - 2.60	B								
2.60 - 2.65	D								
End of Trial Pit at 3.20m									

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
3.00	0.25		Very good, becoming poor after 2.30 m.	None				
Weather:								

Remarks
 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.



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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP153

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP153

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP153

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E509814.12 N299310.28
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP154	Location Type TP	Level 18.64m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.10	0.50	18.64		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
		0.10 - 0.40	B						
		0.10	PID						
		0.45 - 0.50	D	PID=0.00	1.90	18.14		Orangish brown clayey silty very gravelly SAND, Sand is fine and medium. Gravel is subrounded to subangular fine to coarse limestone.	
		0.50 - 0.60	ES						
		0.50	PID						
1.00 - 1.30	B	2.60 m becoming slightly gravelly. Gravels are subangular and subrounded fine to coarse flint	1.90	16.74		Orangish brown and brown clayey silty very gravelly SAND. Sand is fine to coarse. Gravel is subrounded fine to coarse limestone.			
1.30 - 1.35	D								
2.00 - 2.30	B	End of Trial Pit at 3.20m	3.20						
2.95 - 3.00	D								
3.00 - 3.20	B								
3.15 - 3.20	D								

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.20	0.25	302	Good and very poor from 3.00 m.	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP154

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP154

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP154

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E509886.50 N299283.05
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP155	Location Type TP	Level 17.78m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.10 - 0.20	ES	PID=0.00	0.55	17.23		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.				
		0.10 - 0.40	B									
		0.10	PID									
		0.50 - 0.55	D	PID=0.00					3.20			Light brown and orangish brown slightly clayey SAND and GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone and flint.
		0.60 - 0.70	ES									
		0.60	PID									
		1.00 - 1.30	B									
		1.30 - 1.35	D									
2.50 - 2.80	B											
2.80 - 2.85	D											
3.00 - 3.20	B											
3.15 - 3.20	D					End of Trial Pit at 3.20m						

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.70	0.25	288	Good but very poor from 2.80 m.	None				
Weather:								

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP155

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP155

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP155

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 22/03/2022
Location:	Engineer: Sweco	Co-ords: E509937.37 N299299.27
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP156	Location Type TP	Level 20.20m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.35	20.20		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.		
		0.10 - 0.35	B							
		0.10	PID							
				0.30 - 0.35	D	PID=0.00 HVP=65	1.60	19.85		Orangish brown clayey very silty SAND. Sand is fine and medium. Gravel is subrounded fine and medium limestone. <u>0.90 m and 1.60 m becoming slightly gravelly. Gravel is subangular and subrounded fine to coarse flint</u>
				0.40 - 0.50	ES					
				0.40	PID					
		0.50			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. <u>2.10 m and 2.20 m pocket of grey fine sand (400 mm x 400 mm x 200 mm)</u>		
		1.00 - 1.30	B							
		1.30 - 1.35	D							
		2.00 - 2.30	B		2.30			End of Trial Pit at 2.30m		
		2.25 - 2.30	D							

Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25			Good.	None					
Weather:										

Remarks
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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP156

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP156

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP156

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 22/03/2022
Location:		Engineer: Sweco	Co-ords: E510062.72 N299279.20
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP157	Location Type TP	Level 16.73m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.30	16.43		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1 2 3 4 5
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D	PID=0.00				Firm orangish brown slightly sandy very clayey SILT. Sand is fine and medium.	
		0.40 - 0.50	ES						
		0.40	PID						
		1.00 - 1.30	B	HVP=60					
		1.95 - 2.00	D	HVP=70					
		2.00							
		2.50 - 2.80	B						
2.90		HVP=140							
2.95 - 3.00	D								
3.00 - 3.30	B								
3.25 - 3.30	D			3.30					
End of Trial Pit at 3.30m									

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25		Very good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP157

Project ID: GT0386

Trial Pit Photographs



1. Post condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP157

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP157

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E510042.74 N299177.47
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP158	Location Type TP	Level 15.79m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.35	15.79		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.35	B					
		0.10	PID					
		0.30 - 0.35	D					
		0.40 - 0.50	ES					
	0.40	PID	PID=0.00					
		1.00 - 1.30	B					
		1.30 - 1.35	D					
		2.00 - 2.30	B					
		2.95 - 3.00	D					
					3.80			

2.60 m becoming clayey

End of Trial Pit at 3.80m

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks	
2.10	0.25	112	Good, but poor from 2.90 m.	None					
Weather:									

Remarks
 Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 3.80 m due to hard ground. The pit was back filled with arisings in 300 mm layers in the order it was removed.



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP158

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP158

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP158

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E510069.10 N299229.50
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP159	Location Type TP	Level 15.80m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.30	15.50		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D	PID=0.00			Firm orangish brown slightly sandy very clayey SILT. Sand is fine and medium.		
		0.30 - 0.40	ES						
		0.30	PID						
1.00 - 1.30	B	HVP=50						2	
1.30 - 1.35	D								
2.00 - 2.30	B	HVP=65					<u>2.00 m becoming orangish brown mottled light grey</u>	3	
2.00									
2.50		HVP=100					<u>2.50 m becoming stiff</u>	4	
2.65 - 2.70	D			2.70			End of Trial Pit at 2.70m	5	

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	213	Good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
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Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP159

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP159

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP159

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 29/03/2022
Location:	Engineer: Sweco	Co-ords: E510116.62 N299144.83
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP160	Location Type TP	Level 15.04m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.40	15.04		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1	
		0.10 - 0.40	B							
		0.10	PID							
		0.35 - 0.40	D	HVP=40			Orangish brown clayey silty SAND. Sand is fine and medium.			
		0.40 - 0.50	ES							
0.40	PID									
1.00 - 1.30	B	HVP=70		Orangish brown and brown slightly clayey silty gravelly SAND. Sand is fine to coarse. Gravel is subrounded to subangular fine to coarse limestone.	2					
1.30 - 1.35	D									
1.50	D									
2.00 - 2.30	B	HVP=70		2.80 m becoming gravelly. Gravels are subangular and subrounded fine to coarse flint		3				
2.95 - 3.00	D									
End of Trial Pit at 3.10m								4		
End of Trial Pit at 3.10m									5	

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	277	Good	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP160

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP160

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP160

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 28/03/2022
Location:	Engineer: Sweco	Co-ords: E510176.57 N299156.22
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP161	Location Type TP	Level 16.22m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		0.40	15.82		Dark brown slightly sandy clayey gravelly SILT with common coarse rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint, limestone and tarmac.
		0.10 - 0.40	B					
		0.35 - 0.40	D		1.00 - 1.30	B		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. <i>0.40 m and 0.90 m subangular tarmac boulder (950 mm x 450 mm x 150 mm)</i>
		0.40 - 0.50	ES					
		1.95 - 2.00	D		2.00		End of Trial Pit at 2.00m	

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	230	Poor	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP161

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP161

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP161

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 04/03/2022
Location:		Engineer: Sweco	Co-ords: E507406.16 N300258.15
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP162	Location Type TP	Level 27.29m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.50	27.29		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
		0.10 - 0.40	B					
		0.10	PID					
		0.45 - 0.50	D					
		0.60 - 0.70	ES					
		0.60	PID	PID=0.00	1.10		Yellowish light brown and light orangish brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse limestone.	
		0.80 - 1.10	B					
		1.05 - 1.10	D					
		End of Trial Pit at 1.10m						



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.35	83	Extremely poor	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP162

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP162

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP162

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 04/03/2022
Location:	Engineer: Sweco	Co-ords: E507379.35 N300326.75
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP163	Location Type TP	Level 30.00m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.30	29.70		Grass over dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and flint.
		0.10 - 0.30	B					
		0.10	PID					
		0.25 - 0.30	D					
		0.40 - 0.50	ES	PID=0.00	0.95		Yellowish light brown and light orangish brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse limestone.	
		0.40	PID					
		0.50 - 0.80	B					
		0.90 - 0.95	D				0.80 m high cobble content. Cobbles are subangular and subrounded limestone (70 mm x 45 mm x 30 mm)	
End of Trial Pit at 0.95m								



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.25	88	Good	None				
Weather:								

Remarks
 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.



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP163

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP163

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP163

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 31/03/2022
Location:		Engineer: Sweco	Co-ords: E509249.43 N299962.87
Project No. : GT0386		Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP164	Location Type TP	Level 31.22m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	ES	PID=0.00	0.30	30.92		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1
		0.10 - 0.30	B						
		0.10	PID						
		0.25 - 0.30	D	PID=0.00 HVP=25	1.00	30.22		Soft brown slightly clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
		0.30 - 0.40	ES						
		0.30 - 0.60	B						
		0.30	PID						
0.50									
0.60 - 0.65	D								
1.00 - 1.30	B	HVP=70	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.	2		
1.30 - 1.35	D								
1.50									
2.40 - 2.70	B	HVP=140	2.80	2.80		End of Trial Pit at 2.80m	3		
2.50									
2.75 - 2.80	D							4	
End of Trial Pit at 2.80m									5

Dimensions		Orientation		Trench Support and Comment				Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks			Date	Rate	Remarks
2.00	0.25	177	Good	None						
Weather:										

Remarks
 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.



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP164

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP164

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP164

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 31/03/2022
Location:	Engineer: Sweco	Co-ords: E509296.89 N299870.89
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP165	Location Type TP	Level 30.32m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES	PID=0.00	0.30	30.32		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
		0.10 - 0.30	B					
		0.10	PID					
		0.25 - 0.30	D					
		0.30 - 0.40	ES					
		0.30	PID	PID=0.00				
		1.00 - 1.30	B					
		1.30 - 1.35	D					
				1.55	28.77			
				1.60				Very weak to weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.
End of Trial Pit at 1.60m								

Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.15	0.25			Okay	None					
Weather:										

Remarks
 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

Project: Wansford to Sutton Dualling
Supplementary GI

TP165

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP165

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP165

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 31/03/2022
Location:	Engineer: Sweco	Co-ords: E509386.08 N299689.08
Project No. : GT0386	Crew Name: JJ / BO	Equipment: JCB 3CX

Location Number TP166	Location Type TP	Level 27.94m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.20	ES	PID=0.00	0.50	27.44		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.		
		0.10 - 0.40	B							
		0.10	PID							
				0.45 - 0.50	D	PID=0.00	1.40	26.54		Yellowish brown and orangish brown slightly sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone.
				0.50 - 0.60	ES					
				0.50	PID					
		1.00 - 1.30	B	HVP=50	2.75		Orangish brown mottled light brown slightly silty slightly sandy gravelly CLAY. Sand is fine to coarse.			
		1.35 - 1.40	D							
		1.50								
		2.30 - 2.60	B	HVP=65			<u>2.30 m becoming light grey</u>			
		2.50								
		2.70 - 2.75	D							
		2.70		HVP=130				<u>2.70 m becoming stiff</u> End of Trial Pit at 2.75m		

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
2.00	0.25	9	Very good	None					
Weather:									

Remarks
 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.



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP166

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP166

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP166

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 24/02/2022
Location:		Engineer: Sweco	Co-ords: E510424.12 N300468.66
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP167	Location Type TP	Level 35.43m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.05 - 0.15	ES		0.20	35.43		Grass over dark brown slightly sandy clayey gravelly SILT with common medium rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
		0.05 - 0.20	B					
		0.15 - 0.20	D					
		0.30 - 0.40	ES					
		1.00 - 1.30	B	HVP=40	2.20	33.23		Soft greenish dark grey mottled brownish orangish brown slightly gravelly slightly sandy slightly silty CLAY. Sand is fine. Gravel is subrounded fine limestone.
		1.00						
1.95 - 2.00	D	HVP=55						
2.00								
2.70 - 3.00	B	HVP=60	3.40			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.		
3.00								
3.10 - 3.15	D					<u>3.10 m becoming stiff and no longer firm to stiff</u>		
3.50		HVP=80				End of Trial Pit at 3.40m		

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.35	204	Very good	None				
Weather:								

Remarks
 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

Project: Wansford to Sutton Dualling
Supplementary GI

TP167

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP167

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP167

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/02/2022
Location:	Engineer: Sweco	Co-ords: E510543.27 N300464.36
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP168	Location Type TP	Level 37.21m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.10 - 0.20	ES	HVP=55	0.30	37.21		Grass over dark brown slightly sandy clayey gravelly SILT with common medium rootlets. Sand is fine and medium. Gravel is subangular fine to coarse limestone.	1		
		0.10 - 0.30	B			36.91					Orangish brown and brown clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone. Cobbles are subangular limestone.
		0.25 - 0.30	D								
		0.40 - 0.50	ES		1.20	36.01		0.90 m to 1.20 m medium cobble content. Cobbles are subangular limestone (75 mm x 40 mm x 15 mm)			
		1.00 - 1.30	B								
		1.25 - 1.30	D								
		1.50									
2.00 - 2.30	B	HVP=70	3.00		2.00 m becoming firm						
2.50											
2.90 - 2.95	D										
							End of Trial Pit at 3.00m	3			
								4			
								5			

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.35	269	Very good	None				
Weather:								

Remarks
 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
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP168

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP168

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP168

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 23/03/2022
Location:		Engineer: Sweco	Co-ords: E509451.30 N299581.32
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP169	Location Type TP	Level 22.18m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description								
		Depth (m)	Type	Results												
		0.10 - 0.20	ES	PID=0.00	0.45	21.73		Dark brown slightly sandy clayey gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	1							
		0.10 - 0.40	B													
		0.10	PID													
		0.40 - 0.45	D	PID=0.00						19.18		Soft to firm greenish light grey slightly mottled orangish brown clayey sandy SILT. Sand is fine to coarse.				
		0.50 - 0.60	ES													
		0.50	PID													
		1.00 - 1.30	B	HVP=35									3.00		Stiff dark grey slightly sandy very silty CLAY. Sand is fine.	3
		1.00	D													
		1.30 - 1.35	D													
		2.00 - 2.30	B	HVP=65												
2.00	D															
2.30 - 2.35	D															
3.00		HVP=130	3.70		3.50 m becoming very stiff	5										
3.40 - 3.70	B															
3.60		HVP=155														

Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.50	0.25		Excellent.	None				
Weather:								

Remarks
 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

Project: Wansford to Sutton Dualling
Supplementary GI

TP169

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP169

Project ID: GT0386



3. Side



4. Topsoil



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP169

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 22/02/2022
Location:		Engineer: Sweco	Co-ords: E507965.82 N299784.34
Project No. : GT0386		Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP170	Location Type TP	Level 28.74m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		0.35	28.74		Grass over brown slightly sandy clayey gravelly SILT with some rootlets. Sand is fine and medium. Gravel is subangular to subrounded fine to coarse limestone.
		0.20 - 0.35	B					
		0.30 - 0.35	D					
		0.40 - 0.50	ES					
		0.75 - 0.85	ES		1.10	27.64		Brown slightly clayey sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.
		0.90 - 0.95	D					
		0.90 - 1.10	B					
		1.20 - 1.50	B					
		1.50 - 1.55	D					
		2.00 - 2.30	B					
			1.60				End of Trial Pit at 1.60m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
3.00	0.45		Good	None					
Weather:									

Remarks
 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.



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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP170

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP170

Project ID: GT0386



3. Side



4. Topsoil



GROUND TECHNOLOGY
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Norfolk, NR17 1ZA
Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP170

Project ID: GT0386



5. Natural



6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 22/02/2022
Location:	Engineer: Sweco	Co-ords: E508025.44 N299669.97
Project No. : GT0386	Crew Name: JJ / JD	Equipment: JCB 3CX

Location Number TP171	Location Type TP	Level 22.71m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.20	ES		1.40	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. <u>0.50 m to 1.20 m high cobble content. Cobbles are subangular limestone (<100 mm x 40 mm x 15 mm)</u> <u>1.20 m to 1.40 m low boulder content. Boulders are subangular limestone (<310mm x 130 mm x 75 mm)</u> End of Trial Pit at 1.40m
		0.20 - 0.50	B					
		0.50 - 0.55	D					
		1.00 - 1.30	B					
		1.30 - 1.35	D					



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.40	90	Very good	None				
Weather:								

Remarks
 Prior to digging the position was cleared of services. The pit was scheduled to 4.00 m depth however the pit was terminated at 1.40 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
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP171

Project ID: GT0386

Trial Pit Photographs



1. Pre condition



2. Base



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

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP171

Project ID: GT0386



3. Side



4. Arisings



GROUND TECHNOLOGY
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Tel: 01953 459462

Trial Pit Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

TP171

Project ID: GT0386



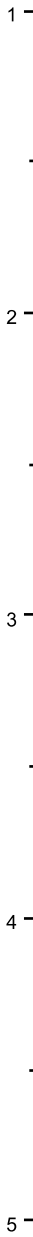
5. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/03/2022
Location:		Engineer: Sweco	Co-ords: E507547.18 N299899.10
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX
Location Number S101	Location Type TP	Level 30.04m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					30.04		Grass over dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.	
				0.30	29.74		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.00			<u>From 0.80 m becoming light brown.</u> 0.90 m to 1.00 m medium cobble contents. Cobbles are subangular limestone (<70 mm x 35 mm x 15 mm). End of Trial Pit at 1.00m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.80	0.25	3	Very good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S101

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



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

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S101

Project ID: GT0386



5. Natural

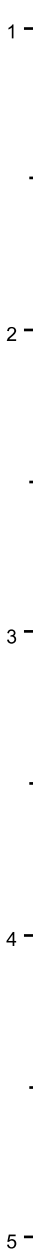
6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 21/02/2022
Location:		Engineer: Sweco	Co-ords: E507866.34 N299636.99
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX
Location Number S102	Location Type TP	Level 22.52m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					22.52		Dark brown clayey slightly sandy gravelly SILT with few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.	
					0.30	22.22	Dark brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.	
					1.20	21.32	Extremely weak to very weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.	
					1.80		End of Trial Pit at 1.80m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.45		Very good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S102

Project ID: GT0386



1. Pre condition

2. Pit base



3. Pit side

4. Topsoil



GROUND TECHNOLOGY
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Tel: 01953 459462

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S102

Project ID: GT0386



5. Natural

6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 21/02/2022
Location:		Engineer: Sweco	Co-ords: E507872.94 N299690.38
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX

Location Number S103	Location Type TP	Level 26.13m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.40	26.13		Grass over dark brown clayey slightly sandy gravelly SILT with few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and rare fine flint.
					1.30	25.73		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.
					1.50	24.83		Extremely weak to very weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.
							End of Trial Pit at 1.50m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.00	0.45		Good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



GROUND TECHNOLOGY
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S103

Project ID: GT0386



1. Pre condition



2. Pit base



3. Pit side



4. Topsoil



GROUND TECHNOLOGY
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S103

Project ID: GT0386



5. Natural

6. Post condition

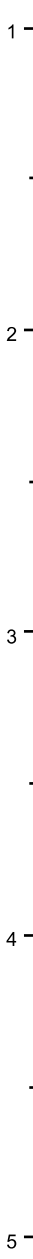


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 09/03/2022
Location:		Engineer: Sweco	Co-ords: E508540.82 N299707.34
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX

Location Number S104	Location Type TP	Level 15.94m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					15.94		Dark brown clayey slightly sandy slightly gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.50	15.44	Dark brown clayey SAND, Sand is fine to coarse.	
					1.50		End of Trial Pit at 1.50m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
1.40	0.25	194	Very poor	None	No water ingress.				
Weather: Overcast									

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S104

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S104

Project ID: GT0386



5. Natural

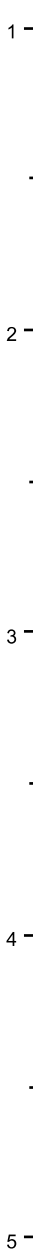
6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 03/03/2022
Location:		Engineer: Sweco	Co-ords: E508949.32 N299537.75
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX
Location Number S105	Location Type TP	Level 13.92m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.40	13.92		Grass over dark brown clayey slightly sandy slightly gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					1.50	13.52		Reddish brown and light brown silty very gravelly SAND. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint and fine highly weathered limestone.
							End of Trial Pit at 1.50m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.65	0.25	127	Very good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S105

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



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Tel: 01953 459462

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S105

Project ID: GT0386



5. Natural

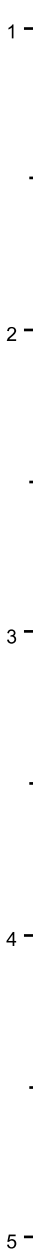
6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/04/2022
Location:		Engineer: Sweco	Co-ords: E509533.86 N299454.26
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX
Location Number S106	Location Type TP	Level 20.06m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					20.06		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets and few coarse rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.40	19.66		Firm orangish brown silty slightly sandy CLAY. Sand is fine and medium.	
				1.50			End of Trial Pit at 1.50m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.60	0.25	97	Good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S106

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S106

Project ID: GT0386



5. Natural

6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 30/03/2022
Location:		Engineer: Sweco	Co-ords: E510086.33 N299214.96
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX

Location Number S107	Location Type TP	Level 15.76m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					15.76		Grass over dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.40	15.36	Firm orangish brown silty slightly sandy CLAY. Sand is fine and medium.	
					1.50		End of Trial Pit at 1.50m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
1.70	0.25	64	Very good	None	No water ingress.				
Weather: Overcast									

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Tel: 01953 459462

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S107

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Tel: 01953 459462

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S107

Project ID: GT0386



5. Natural



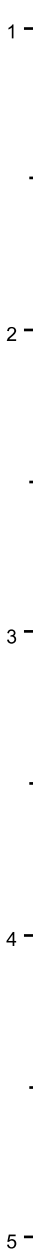
6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/04/2022
Location:		Engineer: Sweco	Co-ords: E509254.94 N299951.99
Project No. : GT0386		Crew Name: JJ JD	Equipment: JCB 3CX
Location Number S108	Location Type TP	Level 31.44m AOD	Logged By JJ
		Scale 1:25	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30	31.14		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					1.00	30.44		Soft brown slightly silty sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
					1.50			Firm to stiff light grey silty CLAY.
								End of Trial Pit at 1.50m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.50	0.25	133	Good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



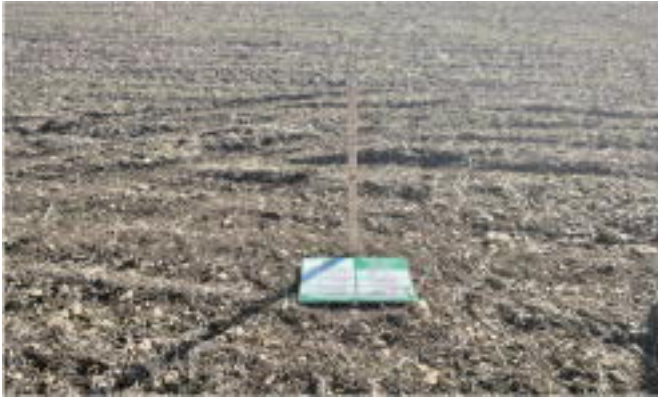
GROUND TECHNOLOGY
Victory Park, Attleborough
Norfolk, NR17 1ZA
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S108

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



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

Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S108

Project ID: GT0386



5. Natural

6. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 01/04/2022
Location:	Engineer: Sweco	Co-ords: E509302.22 N299863.61
Project No. : GT0386	Crew Name: JJ JD	Equipment: JCB 3CX

Location Number S109	Location Type TP	Level 30.15m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					30.15		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.30	29.85		Light brown and orangish brown clayey gravelly SAND. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone.
					1.50			End of Trial Pit at 1.50m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.10	0.25	248	Very good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



GROUND TECHNOLOGY
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S109

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



GROUND TECHNOLOGY
Victory Park, Attleborough
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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S109

Project ID: GT0386



5. Natural

6. Post condition

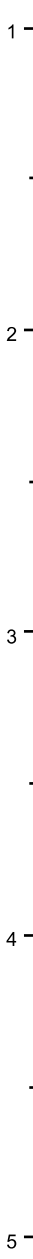


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 28/03/2022
Location:	Engineer: Sweco	Co-ords: E509450.22 N299587.80
Project No. : GT0386	Crew Name: JJ JD	Equipment: JCB 3CX

Location Number S110	Location Type TP	Level 22.42m AOD	Logged By JJ	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					22.42			Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					0.45	21.97		Soft to firm greenish light grey slightly mottled orangish brown silty slightly sandy CLAY. Sand is fine to coarse.
					2.00			End of Trial Pit at 2.00m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
1.20	0.25		Very good	None	No water ingress.			
Weather: Overcast								

Remarks
 Prior to digging the position was cleared of services. The purpose of the pit was for BRE 365 soakaway testing. The pit was back filled and compacted using the digger bucket with arisings in 300 mm layers in the order it was removed. The results of the test can be fine in the Appendices of the report.



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Project: Wansford to Sutton Dualling
Supplementary GI

S110

Project ID: GT0386



1. Pre condition



2. Base



3. Side



4. Topsoil



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

S110

Project ID: GT0386



5. Natural

6. Post condition

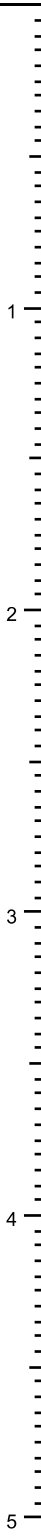


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E507240.82 N300801.28
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP101	Location Type TP	Level 41.00m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					41.00		Dark brown sandy GRAVEL with common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and limestone.	
				0.30	40.70		Medium strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.20 m bgl due to refusal. Pit back filled with arisings.



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Project: Wansford to Sutton Dualling
Supplementary GI

DCP101

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E507241.23 N300769.35
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP102	Location Type TP	Level 39.81m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					39.81		Dark brown sandy GRAVEL with common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and limestone.	
				0.30	39.51		Medium strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.51 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP102

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition

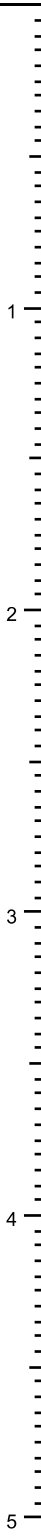


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E507245.60 N300743.28
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP103	Location Type TP	Level 39.30m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					39.30		Dark brown sandy GRAVEL with common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and limestone.	
				0.30	39.00		Medium strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.52 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP103

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E507255.14 N300695.84
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP104	Location Type TP	Level 39.40m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					39.40		Dark brown sandy GRAVEL with common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and limestone.	
				0.30	39.10		Medium strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.78 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

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Supplementary GI

DCP104

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition

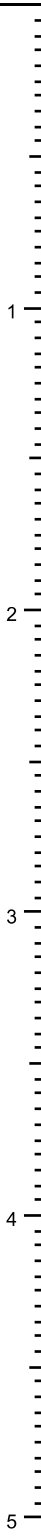


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 11/04/2022
Location:		Engineer: Sweco	Co-ords: E507259.96 N300669.73
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP105	Location Type TP	Level 39.90m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					39.90		Dark brown sandy GRAVEL with common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint and limestone.	
				0.30	39.60		Medium strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data				
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks			Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.					
Weather: Sunny											

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.34 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP105

Project ID: GT0386



1. Pre condition



2. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 11/04/2022
Location:		Engineer: Sweco	Co-ords: E507302.42 N300575.89
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP106	Location Type TP	Level 41.72m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					41.72		Greyish brown sandy GRAVEL with low cobble content and common fine and medium roots. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint, limestone, brick and concrete. Cobbles are subangular brick.	
					1.20		End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.56 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP106

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/03/2022
Location:		Engineer: Sweco	Co-ords: E507608.33 N299883.36
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP107	Location Type TP	Level 29.73m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					29.73		Grass over dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and flint.	
				0.40	29.33		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.51 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP107

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/03/2022
Location:		Engineer: Sweco	Co-ords: E507704.04 N299815.15
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP108	Location Type TP	Level 30.81m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					30.81		Dark brown clayey slightly sandy gravelly SILT with few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and flint.	
				0.35	30.46		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.58 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP108

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/03/2022
Location:		Engineer: Sweco	Co-ords: E507747.46 N299795.25
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP109	Location Type TP	Level 30.45m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					30.45		Dark brown clayey slightly sandy gravelly SILT with few fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse limestone and flint.	
					0.30	30.15	Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.	
					1.20		End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.73 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP109

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 01/03/2022
Location:	Engineer: Sweco	Co-ords: E507815.30 N299768.68
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP110	Location Type TP	Level 29.48m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					29.48		Grass over brown clayey slightly sandy gravelly SILT with some rootlets. Sand is fine and medium. Gravel is subangular to subrounded fine to coarse limestone.	
				0.30	29.18		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.74 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP110

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 01/03/2022
Location:	Engineer: Sweco	Co-ords: E507884.24 N299756.42
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP111	Location Type TP	Level 28.55m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					28.55		Grass over brown clayey slightly sandy gravelly SILT with some rootlets. Sand is fine and medium. Gravel is subangular to subrounded fine to coarse limestone.	
				0.30	28.25		Brown very sandy GRAVEL. Sand is fine to coarse. Gravel is subangular fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.68 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP111

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 01/03/2022
Location:	Engineer: Sweco	Co-ords: E507965.38 N299921.28
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP112	Location Type TP	Level 24.04m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					24.04		Grass over dark brown clayey slightly sandy slightly gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	23.74		Firm orangish brown sandy very gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				0.60	23.44		Firm to stiff dark greenish grey mottled orangish brown slightly sandy CLAY. Sand is fine and medium.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.59 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP112

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 01/03/2022
Location:		Engineer: Sweco	Co-ords: E507965.42 N299939.42
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP113	Location Type TP	Level 23.07m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					23.07		Grass over dark brown clayey slightly sandy slightly gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.40	22.67		Firm orangish brown sandy very gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.
					0.60	22.47		Firm to stiff dark greenish grey mottled orangish brown slightly sandy CLAY. Sand is fine and medium.
					1.20			End of Trial Pit at 1.20m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.67 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP113

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 02/03/2022
Location:	Engineer: Sweco	Co-ords: E508032.73 N299750.48
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP114	Location Type TP	Level 27.17m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					27.17		Grass over dark brown clayey slightly sandy slightly gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.		
				0.50	26.67		Dark brown silty sandy GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.		
				1.00	26.17		Weak light yellowish brown and weathered very sandy LIMESTONE. Sand is fine to coarse.	1	
				1.20			End of Trial Pit at 1.20m		

Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.37 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP114

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 02/03/2022
Location:	Engineer: Sweco	Co-ords: E508227.05 N299737.71
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP115	Location Type TP	Level 21.64m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					21.64		Dark brown clayey sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	21.29		Orangish brown silty very gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.15 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP115

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 02/03/2022
Location:		Engineer: Sweco	Co-ords: E508377.89 N299718.43
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP116	Location Type TP	Level 18.09m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					18.09		Dark brown slightly gravelly clayey sandy SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	17.79		Light brown silty gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data				
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks			Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.					
Weather: Sunny											

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.46 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP116

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E508987.45 N299659.03
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP117	Location Type TP	Level 17.76m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					17.76		Grass over dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	17.46		Firm light grey silty slightly sandy CLAY. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks	
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.21 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP117

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509060.66 N299563.87
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP118	Location Type TP	Level 20.36m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					20.36		Grass over dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.35	20.01		Dark brown clayey slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					0.65	19.71		Firm light grey silty slightly sandy CLAY. Sand is fine to coarse.
					1.20		End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.04 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP118

Project ID: GT0386



2. Pit

1. Post condition



3. Post condition

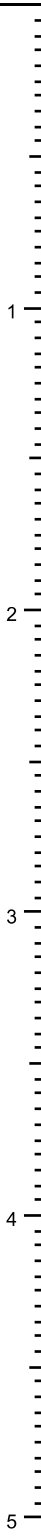


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 08/04/2022
Location:		Engineer: Sweco	Co-ords: E509167.77 N299494.69
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP119	Location Type TP	Level 21.17m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					21.17		Brown clayey gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint.	
				0.30	20.87		Firm orangish brown and reddish brown sandy gravelly CLAY with frequent black carbonaceous fragments. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse flint.	
				0.50	20.67		Very stiff bluish grey sandy CLAY with frequent black carbonaceous fragments. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.52 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP119

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E509457.35 N299401.25
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP120	Location Type TP	Level 19.39m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					19.39		Soft dark brown sandy gravelly CLAY with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium flint.	
				0.45	18.94		Yellowish brown SAND AND GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium flint, limestone and black carbonaceous fragments.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.63 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP120

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E509162.70 N299959.57
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP121	Location Type TP	Level 26.46m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					26.46		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.45	26.01	Firm grey silty slightly sandy CLAY. Sand is fine and medium.	
					1.20		End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.60 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP121

Project ID: GT0386



1. Pre condition



3. Post condition



2. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E509169.90 N300140.80
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP122	Location Type TP	Level 25.89m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					25.89		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	25.59		Soft brown slightly silty sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.50 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP122

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509211.17 N300038.20
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP123	Location Type TP	Level 27.68m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					27.68		Brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.35	27.33		Soft to firm dark brown silty slightly sandy CLAY. Sand is fine to coarse.
					0.70	26.98		Stiff light grey silty CLAY.
					1.20			End of Trial Pit at 1.20m



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.62 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP123

Project ID: GT0386



2. Pit

1. Pre condition



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509344.11 N299778.59
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP124	Location Type TP	Level 29.51m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					29.51		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	29.21		Yellowish brown and orangish brown slightly sandy GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.29 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP124

Project ID: GT0386



1. Pre condition



2. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509431.15 N299593.91
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP125	Location Type TP	Level 22.64m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					22.64		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.40	22.24	Firm brown sandy CLAY. Sand is fine to coarse.	
					1.50		End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.41 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP125

Project ID: GT0386



2. Pit

3. Post condition



1. Pre condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509639.15 N299452.25
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP126	Location Type TP	Level 21.10m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					21.10			Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					0.35	20.75		Soft orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone and rare fine flint.
					0.70	20.40		Firm orangish brown silty slightly sandy CLAY. Sand is fine and medium.
					1.50			End of Trial Pit at 1.20m



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.48 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP126

Project ID: GT0386



1. Pre condition



3. Post condition



2. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E509845.80 N299363.99
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP127	Location Type TP	Level 19.07m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					19.07		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
		0.40			18.67		Light brown and brown very gravelly SAND. Sand is fine to coarse. Gravel is angular and subrounded fine and medium flint.	
		1.20					End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.36 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP127

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E509955.71 N299320.58
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP128	Location Type TP	Level 18.04m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					18.04		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
					0.40	17.64		Brown and orangish brown clayey very gravelly SAND. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.
					1.20			End of Trial Pit at 1.20m



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.01 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP128

Project ID: GT0386



3. Post condition

1. Pre condition



2. Pit

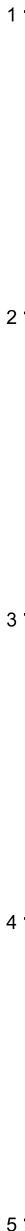


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E509998.95 N299219.52
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP129	Location Type TP	Level 16.42m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					16.42		Dark brown clayey sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	16.12		Soft orangish brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse limestone.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.50 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP129

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition

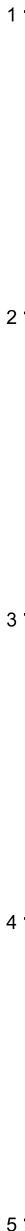


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 08/04/2022
Location:	Engineer: Sweco	Co-ords: E509638.17 N299184.46
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP130	Location Type TP	Level 17.86m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					17.86		Dark brown clayey sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.30	17.56		Orangish brown and light brown SAND. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.				
Weather: Sunny									

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.50 m bgl due to target depth reached. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP130

Project ID: GT0386



1. Pre condition



2. Pit



3. Post condition



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 07/04/2022
Location:		Engineer: Sweco	Co-ords: E510275.87 N299505.25
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP131	Location Type TP	Level 19.14m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					19.14			
				0.35	18.74			
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.55 m bgl due to refusal. Pit back filled with arisings.



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Project: Wansford to Sutton Dualling
Supplementary GI

DCP131

Project ID: GT0386



3. Post condition

1. Pre condition



2. Pit

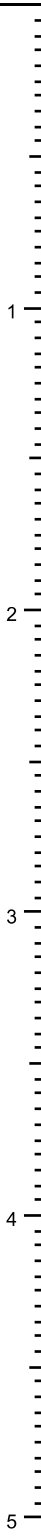


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 24/02/2022
Location:		Engineer: Sweco	Co-ords: E509994.98 N300638.15
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP132	Location Type TP	Level 47.33m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					47.33		Dark brown clayey gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular 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.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.71 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP132

Project ID: GT0386



1. Pre condition



2. Pit

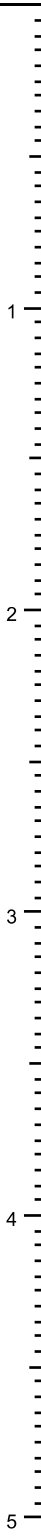


Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI		Client: Galliford Try	Date: 24/02/2022
Location:		Engineer: Sweco	Co-ords: E510141.80 N300573.28
Project No. : GT0386		Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP133	Location Type TP	Level 41.47m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					41.47		Dark brown clayey gravelly SAND with common fine rootlets. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse flint and limestone.	
					0.60	40.87	Strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
					1.20		End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.71 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP133

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 24/02/2022
Location:	Engineer: Sweco	Co-ords: E510293.59 N300514.94
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP134	Location Type TP	Level 38.04m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					38.04		Dark brown slightly clayey sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint, limestone, plastic and metal.	
				0.75	37.29		Strong light yellowish brown and weathered sandy LIMESTONE. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation		Trench Support and Comment			Pumping Data			
Pit Length (m)	Pit Width (m)	Orientation (deg)		Pit Stability	Shoring Used	Remarks		Date	Rate	Remarks
0.30	0.30			Good	None	No water ingress.				
Weather: Sunny										

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 0.76 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP134

Project ID: GT0386



1. Pit



Trial Pit Log

Project Name: Wansford to Sutton Dualling Supplementary GI	Client: Galliford Try	Date: 07/04/2022
Location:	Engineer: Sweco	Co-ords: E509325.15 N299527.35
Project No. : GT0386	Crew Name: MM DB MC	Equipment: Hand tools

Location Number DCP135	Location Type TP	Level 20.88m AOD	Logged By MM	Scale 1:25	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					20.88		Dark brown clayey slightly sandy gravelly SILT with common fine rootlets. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse flint.	
				0.40	20.48		Very soft brown silty very sandy CLAY. Sand is fine to coarse.	
				0.65	20.23		Firm orangish brown mottled light brown silty slightly sandy CLAY. Sand is fine to coarse.	
				1.20			End of Trial Pit at 1.20m	



Dimensions		Orientation	Trench Support and Comment			Pumping Data		
Pit Length (m)	Pit Width (m)	Orientation (deg)	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
0.30	0.30		Good	None	No water ingress.			
Weather: Sunny								

Remarks
 Prior to hand digging the position was cleared of services using a CAT and Genny and scanned at 0.30 intervals to the base. Adjacent to the hand pit a DCP TRL was carried out however terminated at 1.50 m bgl due to refusal. Pit back filled with arisings.



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Photographic Report

Project: Wansford to Sutton Dualling
Supplementary GI

DCP135

Project ID: GT0386



2. Pit

3. Post condition



1. Pre condition