

APPENDIX 5

EXPLORATORY HOLE LOGS AND CROSS SECTION



Trial Pit

TP01

Sheet 1 of 1

Hole Type TP	Easting 395442.00	Northing 417781.00	Ground Level (m) 224.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304	Start Date 2024-06-27	End Date 2024-06-27	

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (thickness) (m)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.10	ES D1			(0.30)		MADE GROUND. Black very sandy, slightly clayey GRAVEL with traces of rootlets. Gravel size fragments are angular fine to medium of granite.	
					223.70	0.30		MADE GROUND. Yellow brown mottled grey very sandy very gravelly CLAY with few angular sandstone cobbles. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse rocks of mixed lithologies including sandstone and mudstone.	0.5
		1.00 1.00	ES D2 B B1			(1.50)			1.0
		1.80 1.80	ES D3 B B2		222.20	1.80 (0.20)		Grey and red brown very clayey very gravelly fine to coarse SAND. Gravel is angular fine to medium of sandstone and mudstone.	
					222.00	2.00		End of Trial Pit at 2.00m	2.0
									2.5
									3.0
									3.5
									4.0
									4.5
									5.0

Remarks Terminated at 2.0m depth due to boulder obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.00m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP01

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	395442.00	417781.00	224.00	1:25
Project Name	Project No.	Start Date	End Date	
Longley Hey Farm	C12304	2024-06-27	2024-06-27	
Client	Contractor	Consultant		
Fourways Project	CRC Site Investigation Ltd	Umo Antia		

Drilling Progress

Depth (m)	Casing Depth (m)	Water Level (m)	Date and Time	Remarks
			7/27/24	

Remarks	Method, Plant, Stability, Dimensions	Logger
Terminated at 2.0m depth due to boulder obstruction.	0.00 - 2.00m TP Tracked Excavator	UAA
	Stable	
	L = 2.40m	
	W = 1.00m	

Hole Type TP	Easting 395442.00	Northing 417781.00	Ground Level (m) 224.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to boulder obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.00m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395442.00	Northing 417781.00	Ground Level (m) 224.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to boulder obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.00m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395442.00	Northing 417781.00	Ground Level (m) 224.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to boulder obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.00m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP02

Sheet 1 of 1

Hole Type TP	Easting 395472.00	Northing 417781.00	Ground Level (m) 225.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304	Start Date 2024-06-27	End Date 2024-06-27	

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (thickness) (m)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.10	ES D1			(0.30)		MADE GROUND. Black very sandy, slightly clayey GRAVEL with traces of rootlets. Gravel size fragments are angular fine to medium of granite.	
					224.70	0.30		MADE GROUND. Yellow brown mottled grey very sandy very gravelly CLAY with few angular sandstone cobbles and traces of boulders. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse rocks of mixed lithologies including sandstone and mudstone.	0.5
		0.80 0.80	ES D2 B B1			(1.40)			1.0
					223.30	1.70		Black sandy very gravelly CLAY with few angular sandstone cobbles and boulders.	1.5
		1.80 1.80	ES D3 B B2			(0.50)			2.0
					222.80	2.20 (0.10)		MUDSTONE. Obstruction: Possible sandstone rock head.	
					222.70	2.30		End of Trial Pit at 2.30m	
									2.5
									3.0
									3.5
									4.0
									4.5
									5.0

Remarks Terminated at 2.0m depth due to rockhead obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.30m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP02

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	395472.00	417781.00	225.00	1:25
Project Name	Project No.	Start Date	End Date	
Longley Hey Farm	C12304	2024-06-27	2024-06-27	

Client	Contractor	Consultant
Fourways Project	CRC Site Investigation Ltd	Umo Antia

Drilling Progress

Depth (m)	Casing Depth (m)	Water Level (m)	Date and Time	Remarks
			7/27/24	

Remarks	Method, Plant, Stability, Dimensions	Logger
Terminated at 2.0m depth due to rockhead obstruction.	0.00 - 2.30m TP Tracked Excavator	UAA
	Stable	
	L = 2.40m	
	W = 1.00m	

Hole Type TP	Easting 395472.00	Northing 417781.00	Ground Level (m) 225.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to rockhead obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.30m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395472.00	Northing 417781.00	Ground Level (m) 225.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to rockhead obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.30m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395472.00	Northing 417781.00	Ground Level (m) 225.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks Terminated at 2.0m depth due to rockhead obstruction.	Method, Plant, Stability, Dimensions 0.00 - 2.30m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP03

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	395437.00	417761.00	223.00	1:25
Project Name	Project No.	Start Date	End Date	
Longley Hey Farm	C12304	2024-06-27	2024-06-27	

Client	Contractor	Consultant
Fourways Project	CRC Site Investigation Ltd	Umo Antia

Drilling Progress

Depth (m)	Casing Depth (m)	Water Level (m)	Date and Time	Remarks
			7/27/24	

Remarks	Method, Plant, Stability, Dimensions 0.00 - 2.20m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395437.00	Northing 417761.00	Ground Level (m) 223.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks	Method, Plant, Stability, Dimensions 0.00 - 2.20m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395437.00	Northing 417761.00	Ground Level (m) 223.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks	Method, Plant, Stability, Dimensions 0.00 - 2.20m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Hole Type TP	Easting 395437.00	Northing 417761.00	Ground Level (m) 223.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks	Method, Plant, Stability, Dimensions 0.00 - 2.20m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP04

Sheet 1 of 1

Hole Type TP	Easting 395439.00	Northing 417724.00	Ground Level (m) 219.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		1.60	ES D1		217.40	1.60		MADE GROUND. Black brown sandy gravelly CLAY with much sandstone cobbles and boulders. Sand is fine to coarse. Gravel fragments are angular to subrounded fine to coarse of timber, ceramic, brick, concrete, plastic, wood and rocks of mixed lithologies including sandstone.	0.5
		2.00	ES D2			(1.40)		Stiff yellow brown mottled grey gravelly very sandy CLAY with few sandstone cobbles and boulder. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone.	1.0
					216.00	3.00		End of Trial Pit at 3.00m	1.5
									2.0
									2.5
									3.0
									3.5
									4.0
									4.5
									5.0

Remarks	Method, Plant, Stability, Dimensions 0.00 - 3.00m TP Tracked Excavator Stable L = 2.40m W = 1.00m	Logger UAA
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Trial Pit

TP04

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	395439.00	417724.00	219.00	1:25
Project Name	Project No.	Start Date	End Date	
Longley Hey Farm	C12304	2024-06-27	2024-06-27	
Client	Contractor	Consultant		
Fourways Project	CRC Site Investigation Ltd	Umo Antia		

Drilling Progress

Depth (m)	Casing Depth (m)	Water Level (m)	Date and Time	Remarks
			7/27/24	

Remarks

Method, Plant, Stability, Dimensions

0.00 - 3.00m TP Tracked Excavator

Stable

L = 2.40m

W = 1.00m

Logger

UAA

Hole Type TP	Easting 395439.00	Northing 417724.00	Ground Level (m) 219.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks	Method, Plant, Stability, Dimensions		Logger
	0.00 - 3.00m	TP Tracked Excavator	UAA
	Stable L = 2.40m W = 1.00m		

Hole Type TP	Easting 395439.00	Northing 417724.00	Ground Level (m) 219.00	Scale 1:25
Project Name Longley Hey Farm	Project No. C12304		Start Date 2024-06-27	End Date 2024-06-27

Client Fourways Project	Contractor CRC Site Investigation Ltd	Consultant Umo Antia
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Remarks	Method, Plant, Stability, Dimensions	Logger
	0.00 - 3.00m TP Tracked Excavator	UAA
	Stable L = 2.40m W = 1.00m	