

Excavation Method

Windowless Sampler driven to 5.45mbgl.

Dimensions
Ground Level (mOD)
Client

Detail Homes Ltd

Job Number
LKC 23 1129

Location
Dates

02/06/2023

Engineer

LKC

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.00-0.30	ES PID < 0.1ppm				(0.40)	MADE GROUND: Dark brown gravelly SAND with frequent rootlets, rare plastic and concrete fragments. Sand is fine to coarse. Gravel is fine to coarse, angular to subrounded, comprising sandstone.			
0.40-1.00	PP = 171.675kPa				0.40				
0.40-1.30	D				(0.90)	Stiff to very stiff consistency very high strength dark reddish brown and grey mottled gravelly sandy silty CLAY with occasional rootlets. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded, comprising sandstone and mudstone.			
0.40-1.30	ES PID < 0.1ppm				1.30				
1.20-1.65	SPT N=5		3,2/2,1,1,1		(1.20)	Loose greyish brown SAND. Sand is medium to coarse.			
1.30-2.00	D		Water strike(1) at 1.50m.		2.50				
2.00-2.45	SPT N=8		2,2/2,2,2,2		(0.70)	Loose greyish brown silty SAND. Sand is fine to coarse.			
2.00-2.50	D				3.20				
2.50-3.00	D				(2.25)	Soft consistency grey sandy SILT. Sand is fine to coarse.			
3.00-3.45	SPT N=6		1,1/2,1,1,2		5.45				
3.20-4.00	D								
3.20-4.00	PP = 12.26kPa								
4.00-4.45	SPT N=7		1,1/2,2,1,2						
4.00-5.00	D								
5.00-5.45	SPT N=8		2,1/2,2,2,2			Complete at 5.45m			

Remarks

Groundwater strike at 1.50mbgl.
Borehole stable.
PP readings not possible from 4.00-5.00mbgl due to very soft ground.

Scale (approx)

1:50

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Figure No.

LKC 23 1129.WS101

Excavation Method

Windowless Sampler driven to 5.45mbgl.

Dimensions
Ground Level (mOD)
Client

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Location
Dates

02/06/2023

Engineer

LKC

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.00-0.60	ES PID < 0.01ppm				(0.60)	MADE GROUND: Dark brown gravelly SAND with frequent ceramic fragments, brick fragments, ash, clinker and rare glass. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded, comprising sandstone.			
0.60-1.00	ES				0.60				
1.00-1.70	D				(1.10)	Soft consistency greyish brown gravelly sandy silty CLAY with occasional rootlets and organic matter. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded, comprising sandstone.			
1.20-1.65	SPT N=6		1,1/1,1,2,2						
1.70-2.20	D		Water strike(1) at 1.70m.		1.70	Grey slightly gravelly silty SAND with occasional organic matter. Sand is fine to coarse.			
2.00-2.45	SPT N=0		0,0/0,0,0,0		(0.50)				
2.20-3.00	D				2.20	Soft consistency very low strength grey sandy SILT with occasional organic matter. Sand is fine to coarse.			
2.80-3.00	PP = 12.26kPa				(0.80)				
3.00-3.45	SPT N=4		1,0/1,1,1,1		3.00	Soft consistency very low to low strength grey laminated sandy silty CLAY. Sand is fine to coarse.			
3.00-3.50	PP = 12.26kPa								
3.50-4.00	D								
3.50-4.00	PP = 20.44kPa								
4.00-4.45	SPT N=7		1,1/1,2,2,2		(2.45)				
4.00-5.00	D								
5.00-5.45	SPT N=13		1,1/2,2,3,6		5.45	Complete at 5.45m			

Remarks

Groundwater strike at 1.70mbgl.
Borehole collapse below 4.00mbgl.

Scale (approx)

1:50

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Figure No.

LKC 23 1129.WS102

Excavation Method

Windowless Sampler driven
to 6.35mbgl.

Dimensions
Ground Level (mOD)
Client

Detail Homes Ltd

Job
Number
LKC 23 1129

Location
Dates

02/06/2023

Engineer

LKC

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.00-0.50	ES PID = 0.1ppm				(0.60)	MADE GROUND: Dark brown gravelly SAND with frequent brick fragments, brick cobbles, ash, clinker, rootlets, rare cermaic and glass bottle. Sand is fine to coarse. Gravel is fine to coarse, angular to subrounded, comprising sandstone and mudstone.			
0.60-1.00	D				0.60				
0.60-1.00	ES PID = 0.1ppm								
0.60-1.00	PP = 40.88kPa								
1.20-1.65	SPT N=4		1,1/1,1,1,1		(1.60)	Soft consistency low to medium strength grey and light brown mottled gravelly sandy silty CLAY with occasional organic matter. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded, comprising sandstone and mudstone.			
1.50-2.00	D								
1.50-2.00	PP = 36.79kPa								
2.00-2.45	SPT N=1		2,2/1,0,0,0		2.20				
2.20-2.40	D				(0.20)	Very loose grey SAND. Sand is fine to coarse.			
2.40-3.00	D		Water strike(1) at 2.20m.		2.40				
2.40-3.00	PP = 12.27kPa				(0.60)	Soft consistency very low strength grey sandy clayey SILT. Sand is fine to medium.			
3.00-3.45	SPT N=4		1,0/1,1,1,1		3.00				
3.00-3.80	D				(0.80)	Soft consistency low strength grey sandy silty CLAY. Sand is fine to medium.			
3.00-3.80	PP = 21.46kPa								
3.80-4.40	D				3.80				
4.00-4.45	SPT N=3		1,2/0,1,1,1		(0.60)	Loose dark grey gravelly SAND. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded, comprising sandstone and mudstone.			
4.40-5.00	D				4.40				
4.40-5.00	PP = 45.98kPa					Soft consistency medium strength grey sandy silty CLAY. Sand is fine to medium.			
5.00-5.45	SPT N=28		1,2/6,6,6,10		(1.05)				
5.45-5.75	SPT 0*/0		/10,10,8,8		5.45	No Recovery			
5.75-6.05	N=36								
5.75-6.05	SPT 0*/0		/10,9,8,6		(0.90)				
5.75-6.05	N=33								
6.05-6.35	SPT 0*/0		/7,6,6,4		6.35	Complete at 6.35m			
6.05-6.35	N=23								

Remarks

Borehole stable.
Groundwater strike at 2.20mbgl.

Scale
(approx)

1:50

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Figure No.

LKC 23 1129.WS103