

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Excavation method/plant:

5T tracked

Shoring/support:

TP101

Project Name: Clive Road

Site Location: Cardiff

Client:

Project No: 8711

Survey details:

Ground Level: 11.0 mOD

Easting: 315994 mOD

Northing: 176715 mOD

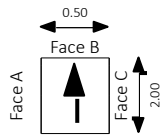
Bearing:

Excavation date: 12/12/2023

Backfill date: 12/12/2023

Logged by: SW

Plan details:



Face Stability:

Unstable

Groundwater observations:

Groundwater not encountered.

Depth m	Sample		Test Details		Strata Details			
	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend
0.25	ES	SOIL			Firm, dark brown, slightly sandy CLAY. Sand is fine to coarse. Anthropogenic material seen throughout; Brick, plastic, tiles, wires and concrete. Rootlets present throughout. (MADE GROUND)	(0.26)	10.74	
0.50	B D ES	SOIL SOIL SOIL			Soft, dark brown, slightly gravelly, slightly sandy CLAY. Sand is fine to coarse. Gravel is fine, grey and rounded. (GLACIOFLUVIAL SHEET DEPOSITS)	(0.24)	10.50	
1.00	B D ES	SOIL SOIL SOIL			Brown, fine to coarse, gravelly SAND. Gravel is grey with a brown coating, coarse and rounded. (GLACIOFLUVIAL SHEET DEPOSITS)	0.50		
1.50	ES	SOIL						
2.00	B D	SOIL SOIL			Brown, rounded, fine to coarse, slightly clayey, sandy GRAVEL. Sand is fine to coarse. (GLACIOFLUVIAL SHEET DEPOSITS) At 1.7m: Side walls starting to collapse.	1.70 (0.50) 2.0	9.30	
2.20	B D	SOIL SOIL			End of Trialpit at 2.200m	2.20	8.80	
						3.0		

Weather and environmental conditions:

1.

Other comments:

- Co-ordinates and ground levels of investigation points obtained by a GPS Survey undertaken upon completion of site works.
- Service plans reviewed and area CAT scanned prior to breaking ground.
- Trial pit terminated due to stability of side walls.
- Upon completion trial pit backfilled with arising.

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Excavation method/plant:

5T tracked

Shoring/support:

TP102

Project Name: Clive Road

Site Location: Cardiff

Client:

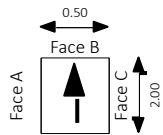
Project No: 8711

Excavation date: 12/12/2023

Backfill date: 12/12/2023

Logged by: SW

Plan details:



Face Stability:

Unstable

Groundwater observations:

Groundwater not encountered.

Survey details:

Ground Level: 11.0 mOD

Easting: 315998 mOD

Northing: 176710 mOD

Bearing:

Depth m	Sample		Test Details		Strata Details			
	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend
0.25	ES	SOIL			Firm, dark brown, slightly sandy CLAY. Sand is fine to coarse. Anthropogenic material seen throughout; Brick, plastic, tiles, wires and concrete. Rootlets present throughout. (MADE GROUND)	(0.26)	10.74	
					Soft, dark brown, slightly gravelly, slightly sandy CLAY. Sand is fine to coarse. Gravel is fine, grey and rounded. (GLACIOFLUVIAL SHEET DEPOSITS)	(0.24)		
0.50	B D ES	SOIL SOIL SOIL			Brown, fine to coarse, gravelly SAND. Gravel is grey with a brown coating, coarse and rounded. (GLACIOFLUVIAL SHEET DEPOSITS)	0.50	10.50	
1.00	B D ES	SOIL SOIL SOIL				1.00		
1.50	ES	SOIL					9.30	
2.00	B D	SOIL SOIL			Brown, rounded, fine to coarse, slightly clayey, sandy GRAVEL. Sand is fine to coarse. (GLACIOFLUVIAL SHEET DEPOSITS)	1.70		
2.80	B D	SOIL SOIL			End of Trialpit at 2.800m	2.80	8.20	

Weather and environmental conditions:

1.

Other comments:

- Co-ordinates and ground levels of investigation points obtained by a GPS Survey undertaken upon completion of site works.
- Service plans reviewed and area CAT scanned prior to breaking ground.
- Trial pit terminated due to furthest extent of excavator reached.
- Upon completion trial pit backfilled with arising.

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Excavation method/plant:

5T tracked

Shoring/support:

TP103

Project Name: Clive Road

Site Location: Cardiff

Client:

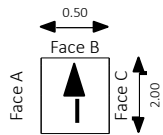
Project No: 8711

Excavation date: 12/12/2023

Backfill date: 12/12/2023

Logged by: SW

Plan details:



Face Stability:

Unstable

Groundwater observations:

Groundwater not encountered.

Survey details:

Ground Level: 11.0 mOD

Easting: 316005 mOD

Northing: 176712 mOD

Bearing:

Depth m	Sample		Test Details		Strata Details			
	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend
0.25	ES	SOIL			Firm, dark brown, slightly sandy CLAY. Sand is fine to coarse. Anthropogenic material seen throughout; Brick, plastic, tiles, wires and concrete. Rootlets present throughout. (MADE GROUND)	(0.30)	10.70	
0.50	B D ES	SOIL SOIL SOIL			Brown, sub-rounded, fine to coarse, clayey, sandy GRAVEL. Sand is fine to coarse. Increase in gravel size with depth. (GLACIOFLUVIAL SHEET DEPOSITS)	0.30		
1.00	B D ES	SOIL SOIL SOIL				1.0		
1.50	B ES	SOIL SOIL				(2.00)		
2.00	B D	SOIL SOIL				2.0		
2.30	B D	SOIL SOIL			End of Trialpit at 2.300m	2.30		
						8.70		
						3.0		

Weather and environmental conditions:

1.

Other comments:

- Co-ordinates and ground levels of investigation points obtained by a GPS Survey undertaken upon completion of site works.
- Service plans reviewed and area CAT scanned prior to breaking ground.
- Trial pit terminated due to stability of side walls.
- Upon completion trial pit backfilled with arising.

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Excavation method/plant:

5T tracked

Shoring/support:

TP104

Project Name: Clive Road

Site Location: Cardiff

Client:

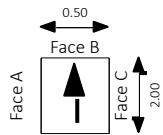
Project No: 8711

Excavation date: 12/12/2023

Backfill date: 12/12/2023

Logged by: SW

Plan details:



Face Stability:

Unstable

Groundwater observations:

Groundwater not encountered.

Survey details:

Ground Level: 11.0 mOD

Easting: 316015 mOD

Northing: 176715 mOD

Bearing:

Depth m	Sample		Test Details		Strata Details			
	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend
0.25	ES	SOIL			Soft, dark brown, slightly gravelly, slightly sandy CLAY. Gravel is fine, black/orange, angular and partially consists of brick. Plastic and glass present. Rootlets present. (MADE GROUND)	(0.52)		
0.50	B D ES	SOIL SOIL SOIL			Brown, rounded, medium to coarse, clayey, sandy GRAVEL. Sand is fine to coarse. (GLACIOFLUVIAL SHEET DEPOSITS) 0.52 - 1.2m: Dark brown/black patch with plastic and rootlets present throughout. Potentially previous site investigation.	0.52	10.48	
1.00	B D ES	SOIL SOIL SOIL				1.0		
1.50	B ES	SOIL SOIL				(2.48)		
2.00	B D	SOIL SOIL				2.0		
3.00	B D	SOIL SOIL			End of Trialpit at 3.000m	3.00	8.00	

Weather and environmental conditions:

1.

Other comments:

- Co-ordinates and ground levels of investigation points obtained by a GPS Survey undertaken upon completion of site works.
- Service plans reviewed and area CAT scanned prior to breaking ground.
- Trial pit terminated due to furthest extent of excavator reached.
- Upon completion trial pit backfilled with arising.