BORE / DRILL LOG

Project: Soil investigation work for Proposed One - Storied Upasona Room Bore Hole No.:

BH-1

at Biswarjan Ghat, New Town, Kolkata

Location: New Town, Kolkata Reduced Level:

Water Level (Static): Method of Boring / Drilling: Wash & Auger
Standing Water Level: 3.50m b.g.1 Dia.of Boring / Drilling: 150 mm

Casing Lowered: 3.0m Date: From 25.11.14 To 25.11.14

mm)	Depth (m)		m)	gnilqı	SPT : No. of blows						
Date (dd / mm)	From	То	Length (m)	Nature of Sampling	0-15 cm	15-30 cm	30-45 cm	45-60 cm	N' Value	Description	
25.11.14	0.50			D						Filled up by soil, roots etc.	
	1.00	2.10	0.60	D P	2	6	9	12	15	1.10m	
	3.00	3.45	0.45	r U	2	0	9	12	13	Stiff greyish silty clay/clayey sily with brown spots.	
	4.50	5.10	0.60	P	0	1	1	2	2	3.80m	
	6.00	6.45	0.45	U							
	7.50	8.10	0.60	P	0	1	1	2	2	Soft grey to dark grey silty clay with decomposed wood.	
	9.00	9.60	0.60	P	0	1	2	2	3	Wood.	
	10.50	11.10	0.60	P	1	1	2	2	3		
	12.00	12.60	0.60	P	1	2	2	2	4		
	13.50	14.10	0.60	P	1	2	2	2	4		
	15.00	15.60	0.60	P	2	2	2	3	4	16.00m	
	16.50 18.00	17.10 18.60	0.60	P P	3	3	5 6	6 7	8	Stiff bluish grey silty clay with calcareous nodules.	
	19.50	20.10	0.60	r P	7	14	17	20	31	19.00m	
	21.00	21.60	0.60	P	8	15	18	21	33	Dense bluish grey to brownish grey silty fine to	
	22.50	23.10	0.60	P	13	17	20	22	37	medium sand with mica.	
25.11.14	24.50	25.10	0.60	P	14	18	21	24	39		
	25.10	(Те	l erminatio	l n Deptl	1) 						
	Abbreviations: U-Undisturbed Sample D-Disturbed Sample P-Standard Penetration Test										

BORE / DRILL LOG

Project: Soil investigation work for Proposed One - Storied Upasona Room Bore Hole No.:

BH-2

at Biswarjan Ghat, New Town, Kolkata

Location : New Town, Kolkata

Water Level (Static): Method of Boring / Drilling: Wash & Auger

Standing Water Level: 4.00m b.g.l Dia.of Boring / Drilling: 150 mm

Casing Lowered: 3.0m Date: From 26.11.14 To 26.11.14

Reduced Level:

Nature of Sampling Depth (m) SPT: No. of blows mm m Length (m) Date (dd/ Description From 45-60 cm 15-30 cm 30-45 cm N' Value 10 26.11.14 0.50 D Filled up by soil, roots,etc. 1.00 D 1.30m 1.50 1.95 0.45 U Soft greyish silty clay with brown spot 3.60 P 2 3 3.00 1 2 0.60 1 4.00m 4.95 U 4.50 0.456.00 6.60 0.60 P 1 1 2 2 3 7.50 7.95 0.45 U Soft to firm grey to dark grey silty clay with 9.00 P 2 2 2 9.60 0.60 4 1 10.50 11.10 0.60 U 12.00 12.60 0.60 P 1 2 2 3 4 13.50 U 14.10 0.60 15.00 15.45 0.45 P 2 2 3 3 5 15.80m = 16.50 17.10 0.60 P 2 4 4 6 8 Stiff bluish grey silty clay with calcareous nodules. 18.00 P 4 5 7 9 18.60 0.60 3 - 18.90m -19.50 20.10 P 17 19 32 0.60 6 15 21.00 21.60 0.60 P 7 16 19 22 35 Dense bluish grey to brownish grey silty fine to medium sand with mica. 22.50 23.10 0.60 P 10 28 46 20 26 26.11.14 P 24.50 25.10 0.60 12 22 28 31 50 25.10 (Termination Depth)

BORE / DRILL LOG

Project: Soil investigation work for Proposed One - Storied Upasona Room Bore Hole No.:

BH-3

at Biswarjan Ghat, New Town, Kolkata

Location : New Town, Kolkata Reduced Level:

Water Level (Static): Method of Boring / Drilling: Wash & Auger

Standing Water Level: 4.30m b.g.l Dia.of Boring / Drilling: 150 mm

Casing Lowered: 3.0m Date: From 25.11.14 To 25.11.14

nm)	Depth	n (m)	m)		SPT : No. of blows						
Date (dd / mm)	From	To	Length (m)	Nature of Sampling	0-15 cm	15-30 cm	30-45 cm	45-60 cm	N' Value	Description	
16.11.14	0.50			D						Filled up by soil, roots, etc.	
	1.00			D						1.10m	
	1.50	2.10	0.60	P	1	1	2	2	3		
	3.00	3.60	0.60	P	2	1	2	2	3	Soft greyish silty clay with brown spots	
	4.50	5.10	0.60	P	0	1	1	2	2	3.90m	
	6.00	6.60	0.60	P	0	1	1	2	2		
	7.50	7.95	0.45	U						Soft grey to dark grey silty clay with decomposed wood.	
	9.00	9.60	0.60	P	1	1	2	2	3	wood.	
	10.50	10.95	0.45	U							
	12.00	12.60	0.60	P	1	2	2	3	4		
	13.50	13.95	0.45	U							
	15.00	15.60	0.60	P	1	2	2	3	4	15.90m	
	16.50	16.95	0.45	P	2	3	4	5	7	Firm to stiff bluish grey silty clay with calcareous nodules.	
	18.00	18.60	0.60	P	2	4	4	6	8	18.90m	
25.11.14	19.50	20.10	0.60	P	10	20	26	30	46	Dense bluish grey to silty fine to medium sand with mica.	
	20.10	(Te	erminatio	n Deptl	n)					Tilled.	
	Abbreviations: U-Undisturbed Sample										

BORE / DRILL LOG

Project: Soil investigation work for Proposed One - Storied Upasona Room Bore Hole No.:

BH-4

at Biswarjan Ghat, New Town, Kolkata

Location : New Town, Kolkata Reduced Level:

Water Level (Static): Method of Boring / Drilling: Wash & Auger

Standing Water Level: 3.70m b.g.l Dia.of Boring / Drilling: 150 mm

Casing Lowered: 3.0m Date: From 26.11.14 To 26.11.14

mm)	Depth (m)		m)	pling		SPT	: No. of	blows		
Date (dd / mm)	From	То	Length (m)	Nature of Sampling	0-15 cm	15-30 cm	30-45 cm	45-60 cm	N' Value	Description
26.11.14	0.50			D						Filled up by soil, roots etc.
	1.00			D						1.20m
	1.50	2.10	0.60	P	2	2	2	3	4	
	3.00	3.60	0.60	P	1	2	2	3	4	Soft greyish silty clay with brown spots.
	4.50	5.10	0.60	P	0	1	1	2	2	4.00m
	6.00	6.60	0.60	P	0	1	1	1	2	
	7.50	8.10	0.60	P	1	1	1	1	2	Soft to firm grey to dark grey silty clay with
	9.00	9.45	0.45	U						decomposed wood.
	10.50	11.10	0.60	P	1	2	2	2	4	
	12.00	12.45	0.45	U						
	13.50	14.10	0.60	P	2	2	3	4	5	
	15.00	15.45	0.45	U						
	16.50	17.10	0.60	P	3	4	4	4	8	15.80m Stiff bluish grey silty clay with calcareous
	18.00	18.60	0.60	P	4	4	5	7	9	19.90m
26.11.14	19.50	20.10	0.60	P	13	17	21	25	38	18.80m Dense bluish grey silty fine to medium sand with
	20.10	(Te	erminatio	n Deptl	n)					mica.
Abbreviations: U-Undisturbed Sample										