



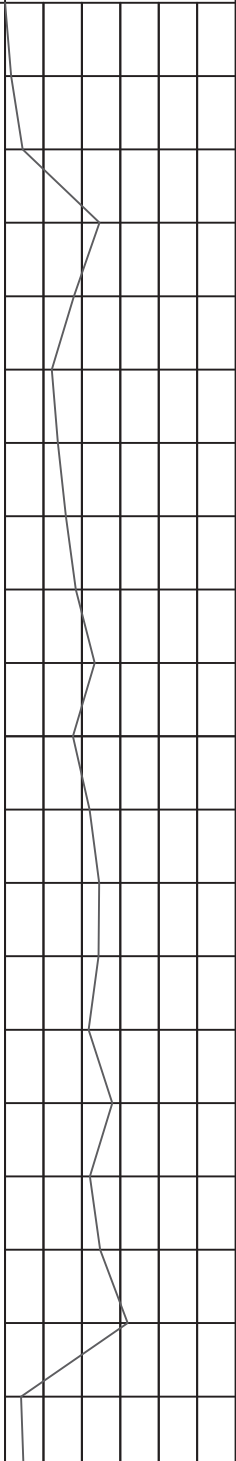









Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.								
Bore Hole No. : P4					Existing Ground Level : -11.34m								
Method of Boring : Percussion					Ground/ Water Level : -0.85m								
Boring Dia. : 100mm					Date Started : 08 - 03 - 2012								
Depth of Boring : 42.0m					Date Completed : 10 - 03 - 2012								
Legend :					 SAND  SILT  CLAY								
Co-ordinates :													
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation			
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values			
1.0	D1		2.0	Very loose Brown fine SAND with trace of mica		1.0	0	0	1	1			
2.0	D2					2.0	3	1	2	3			
3.0	D3		10.0	Medium dense Grey to light grey silty fine SAND with trace of mica		3.0	7	12	12	24			
4.0	D4					4.0	5	8	10	18			
5.0	D5					5.0	4	5	7	12			
6.0	D6					6.0	3	5	8	13			
7.0	D7					7.0	4	6	10	16			
8.0	D8					8.0	4	7	12	19			
9.0	D9					9.0	5	9	13	22			
10.0	D10					10.0	5	8	10	18			
11.0	D11					11.0	6	9	12	21			
12.0	D12					12.0	7	10	13	23			
13.0	D13		6.0	Medium dense Brown fine SAND with trace of mica		13.0	7	8	16	24			
14.0	D14					14.0	8	12	10	22			
15.0	D15					15.0	8	13	16	29			
16.0	D16					16.0	6	10	11	21			
17.0	D17					17.0	6	12	12	24			
18.0	D18					18.0	6	13	19	32			
19.0	D19					19.0	1	2	2	4			
20.0	D20					20.0	2	2	3	5			

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....





Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.													
Bore Hole No. : P4					Existing Ground Level : -11.34m													
Method of Boring : Percussion					Ground/ Water Level : -0.85m													
Boring Dia. : 100mm					Date Started : 08 - 03 - 2012													
Depth of Boring : 42.0m					Date Completed : 10 - 03 - 2012													
Legend :					 SAND  SILT  CLAY													
Co-ordinates :																		
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	12.0	Medium stiff to very stiff Grey medium plastic CLAY, few sand		21.0	2	3	4	7								
22.0		D22				22.0	2	2	3	5								
23.0		D23				23.0	2	2	2	4								
24.0		D24				24.0	2	3	5	8								
25.0		D25				25.0	2	3	8	11								
26.0		D26				26.0	3	5	6	11								
27.0		D27				27.0	5	6	8	14								
28.0		D28				28.0	5	6	12	18								
29.0		D29				29.0	3	6	10	16								
30.0		D30				30.0	3	5	13	18								
31.0		D31	12.0	Medium dense to very dense Brown to Reddish brown fine SAND with trace of mica		31.0	9	13	16	29								
32.0		D32				32.0	8	15	19	34								
33.0		D33				33.0	10	18	24	42								
34.0		D34				34.0	10	15	19	34								
35.0		D35				35.0	12	20	23	43								
36.0		D36				36.0	15	30	20	50								
37.0		D37				37.0	18	40	10	50								
38.0		D38				38.0	16	50	0	50								
39.0		D39				39.0	17	50	0	50								
40.0		D40				40.0	28	50	0	50								

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample





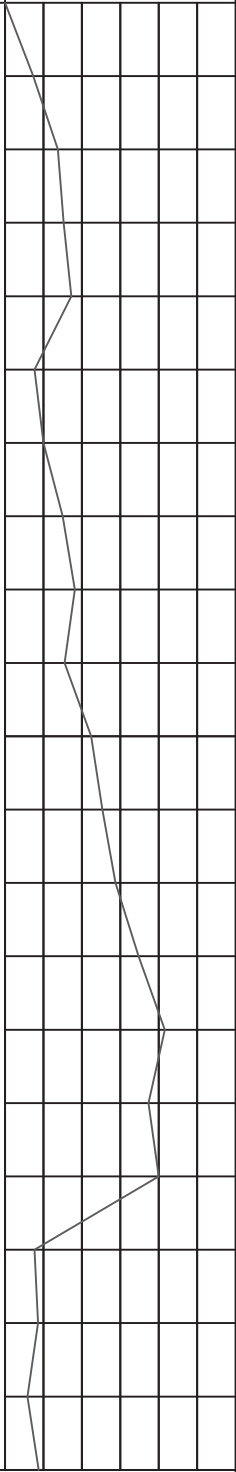


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Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.											
Bore Hole No. : P4					Existing Ground Level : -11.34m											
Method of Boring : Percussion					Ground/ Water Level : -0.85m											
Boring Dia. : 100mm					Date Started : 08 - 03 - 2012											
Depth of Boring : 42.0m					Date Completed : 10 - 03 - 2012											
Legend :					 SAND	 SILT	 CLAY									
Co-ordinates :																
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation						
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60
41.0		D41		Medium dense to very dense Brown to Reddish brown fine SAND with trace of mica		41.0	30	50	0	50						
42.0		D42				42.0	29	50	0	50						
				End of Boring												
43.0		D43														
44.0		D44														
45.0		D45														
46.0		D46														
47.0		D47														
48.0		D48														
49.0		D49														
50.0		D50														
51.0		D51														
52.0		D52														
53.0		D53														
54.0		D54														
55.0		D55														
56.0		D56														
57.0		D57														
58.0		D58														
59.0		D59														
60.0		D60														

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample






Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.										
Bore Hole No. : P5					Existing Ground Level : -12.74m										
Method of Boring : Percussion					Ground/ Water Level : -0.25m										
Boring Dia. : 100mm					Date Started : 11- 03 -2012										
Depth of Boring : 40.0m					Date Completed : 14 - 03 -2012										
Legend :					 SAND  SILT  CLAY										
Co-ordinates :															
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation					
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values					
1.0	D1		8.0	Loose to medium dense Grey silty very fine SAND with trace of mica		1.0	2	3	5	8					
2.0	D2					2.0	3	5	8	13					
3.0	D3					3.0	3	5	10	15					
4.0	D4					4.0	5	8	10	18					
5.0	D5					5.0	2	3	5	8					
6.0	D6					6.0	2	4	6	10					
7.0	D7					7.0	3	5	10	15					
8.0	D8					8.0	3	6	12	18					
9.0	D9		8.0	Medium dense to dense Light grey silty very fine SAND with trace of mica		9.0	4	6	10	16					
10.0	D10					10.0	4	8	15	23					
11.0	D11					11.0	5	9	17	26					
12.0	D12					12.0	6	8	21	29					
13.0	D13					13.0	7	11	23	34					
14.0	D14					14.0	10	16	25	41					
15.0	D15					15.0	12	17	20	37					
16.0	D16					16.0	10	18	22	40					
17.0	D17		11.0	Medium stiff to stiff Grey medium plastic CLAY		17.0	2	3	5	8					
18.0	D18					18.0	3	4	5	9					
19.0	D19					19.0	2	3	3	6					
20.0	D20					20.0	4	4	5	9					

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....





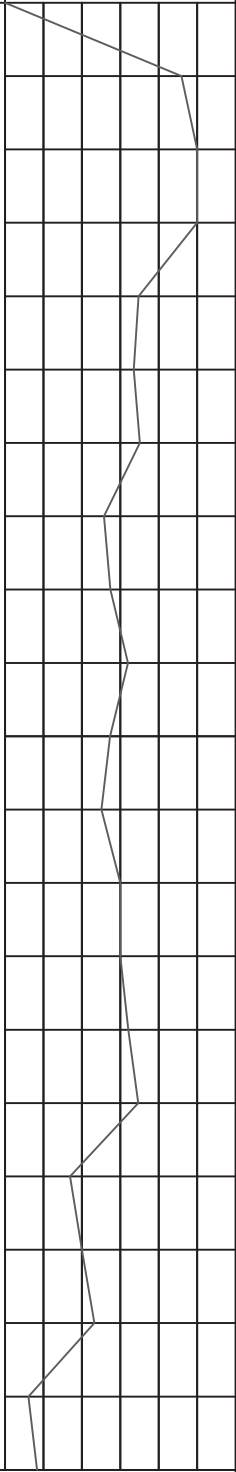

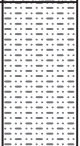



Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.																
Bore Hole No. : P5					Existing Ground Level : -12.74m																
Method of Boring : Percussion					Ground/ Water Level : -0.25m																
Boring Dia. : 100mm					Date Started : 11- 03 -2012																
Depth of Boring : 40.0m					Date Completed : 14 - 03 -2012																
Legend :					 SAND  SILT  CLAY																
Co-ordinates :																					
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation											
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60					
21.0		D21	13.0	Medium stiff to stiff Grey medium plastic CLAY		21.0	2	2	4	6											
22.0		D22				22.0	2	3	3	6											
23.0		D23				23.0	2	3	5	8											
24.0		D24				24.0	2	2	3	5											
25.0		D25				25.0	3	3	5	8											
26.0		D26				26.0	3	4	5	9											
27.0		D27				27.0	1	2	2	4											
28.0		D28				13.0	Dense to very dense Grey to light grey silty fine SAND with trace of mica		28.0	7	15	18	33								
29.0		D29							29.0	7	20	30	50								
30.0		D30							30.0	8	18	32	50								
31.0		D31							31.0	10	24	26	50								
32.0		D32							32.0	12	26	24	50								
33.0		D33							33.0	15	35	15	50								
34.0		D34	34.0	15	37				13	50											
35.0		D35	35.0	17	50				0	50											
36.0		D36	36.0	20	50				0	50											
37.0		D37	37.0	22	50				0	50											
38.0		D38	38.0	24	50				0	50											
39.0		D39	39.0	27	50				0	50											
40.0		D40	40.0	27	50	0	50														

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring




Logged by : Azhar
Check by : Mahabub




Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.						
Bore Hole No. : P6					Existing Ground Level : -16.02m						
Method of Boring : Percussion					Ground/ Water Level : -0.78m						
Boring Dia. : 100mm					Date Started : 14 - 03 -2012						
Depth of Boring : 42.0m					Date Completed : 17 - 03 -2012						
Legend :					 SAND  SILT  CLAY						
Co-ordinates :											
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation	
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	
1.0		D1	6.0	Dense to very dense Grey to brown fine SAND with trace of mica		1.0	10	20	26	46	
2.0		D2				2.0	16	26	24	50	
3.0		D3				3.0	18	40	10	50	
4.0		D4				4.0	7	16	18	34	
5.0		D5				5.0	8	15	18	33	
6.0		D6				6.0	9	16	20	36	
7.0		D7	9.0	Medium dense to dense Grey fine SAND with trace of mica		7.0	7	11	15	26	
8.0		D8				8.0	7	12	16	28	
9.0		D9				9.0	8	14	18	32	
10.0		D10				10.0	4	12	15	27	
11.0		D11				11.0	6	11	14	25	
12.0		D12				12.0	8	12	18	30	
13.0		D13				13.0	7	14	16	30	
14.0		D14				14.0	9	13	19	32	
15.0		D15				15.0	8	15	20	35	
16.0		D16	2.0	Very stiff Grey non plastic SILT with few sand, trace of mica		16.0	4	6	11	17	
17.0		D17	1.0	Medium dense Grey silty fine SAND with trace of mica		17.0	4	7	13	20	
18.0		D18	1.0	Medium stiff Grey medium plastic CLAY		18.0	5	8	14	22	
19.0		D19	1.0	Loose Grey silty fine SAND with trace of mica		19.0	2	3	3	6	
20.0		D20	1.0			20.0	3	4	5	9	

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....

Logged by : Azhar
Check by : Mahabub





Project : Construction of Meghna Bridge		Client : Oriental Consultants Co. Ltd.	
Bore Hole No.	: P6	Existing Ground Level	: -16.02m
Method of Boring	: Percussion	Ground/ Water Level	: -0.78m
Boring Dia.	: 100mm	Date Started	: 14 - 03 -2012
Depth of Boring	: 42.0m	Date Completed	: 17 - 03 -2012
Legend :			
		SAND	SILT
			CLAY
Co-ordinates :			

Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	1.0	Stiff Grey low plastic CLAY		21.0	4	5	6	11								
22.0		D22	3.0	Loose Brown fine SAND with trace of mica		22.0	2	3	4	7								
23.0		D23				23.0	2	3	5	8								
24.0		D24				24.0	3	4	6	10								
25.0		D25				25.0	10	16	18	34								
26.0		D26	9.0	Dense to very dense Light brown to brown silty very fine to fine SAND with trace of mica		26.0	12	32	18	50								
27.0		D27				27.0	14	35	15	50								
28.0		D28				28.0	16	36	14	50								
29.0		D29				29.0	19	35	15	50								
30.0		D30				30.0	20	37	13	50								
31.0		D31				31.0	22	40	10	50								
32.0		D32				32.0	24	50	0	50								
33.0		D33				33.0	28	50	0	50								
34.0		D34				34.0	30	50	0	50								
35.0		D35				35.0	35	50	0	50								
36.0		D36				36.0	35	50	0	50								
37.0		D37				37.0	36	50	0	50								
38.0		D38				38.0	37	50	0	50								
39.0		D39				39.0	40	50	0	50								
40.0		D40				40.0	40	50	0	50								

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample




Cont'd.....

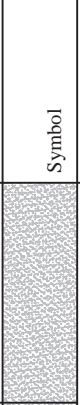


Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.											
Bore Hole No. : P6					Existing Ground Level : -16.02m											
Method of Boring : Percussion					Ground/ Water Level : -0.78m											
Boring Dia. : 100mm					Date Started : 14 - 03 -2012											
Depth of Boring : 42.0m					Date Completed : 17 - 03 -2012											
Legend :					 SAND	 SILT	 CLAY									
Co-ordinates :																
Location of Boring : Meghnaghat					Blows on spoon				Graphical Representation							
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60
41.0		D41		Very dense Brown silty fine SAND with trace of mica		41.0	45	50	0	50						
42.0		D42				42.0	42	50	0	50						
43.0		D43		End of Boring												
44.0		D44														
45.0		D45														
46.0		D46														
47.0		D47														
48.0		D48														
49.0		D49														
50.0		D50														
51.0		D51														
52.0		D52														
53.0		D53														
54.0		D54														
55.0		D55														
56.0		D56														
57.0		D57														
58.0		D58														
59.0		D59														
60.0		D60														

Note : Boring Terminated at 42.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Logged by : Azhar
Check by : Mahabub




Project : Construction of Meghna Bridge		Client : Oriental Consultants Co. Ltd.	
Bore Hole No.	: P7	Existing Ground Level	: -15.22m
Method of Boring	: Percussion	Ground/ Water Level	: -0.62m
Boring Dia.	: 100mm	Date Started	: 15 - 03 -2012
Depth of Boring	: 45.0m	Date Completed	: 17 - 03 -2012
Legend :			
		SAND	SILT
			
		CLAY	
Co-ordinates :			



Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
1.0	D1		3.0	Loose Grey silty very fine SAND with trace of mica		1.0	2	2	2	4								
2.0	D2		8.0	Medium dense Grey silty very fine SAND with trace of mica		2.0	2	3	5	8								
3.0	D3					3.0	3	4	6	10								
4.0	D4		10.0	Medium dense to dense Brown to grey fine SAND with trace of mica		4.0	3	4	8	12								
5.0	D5					5.0	3	5	10	15								
6.0	D6					6.0	4	5	12	17								
7.0	D7					7.0	6	8	10	18								
8.0	D8					8.0	5	7	8	15								
9.0	D9					9.0	6	9	10	19								
10.0	D10					10.0	6	10	12	22								
11.0	D11					11.0	8	10	14	24								
12.0	D12		12.0	8	12	15	27											
13.0	D13		13.0	6	11	14	25											
14.0	D14		14.0	8	12	16	28											
15.0	D15		15.0	8	13	17	30											
16.0	D16		16.0	10	13	20	33											
17.0	D17		17.0	10	14	22	36											
18.0	D18		18.0	11	15	25	40											
19.0	D19		19.0	6	11	14	25											
20.0	D20		20.0	6	13	17	30											

Note : Boring Terminated at 45.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....

Logged by : Azhar
Check by : Mahabub





Project : Construction of Meghna Bridge		Client : Oriental Consultants Co. Ltd.	
Bore Hole No. : P7	Method of Boring : Percussion	Existing Ground Level : -15.22m	Ground/ Water Level : -0.62m
Boring Dia. : 100mm	Depth of Boring : 45.0m	Date Started : 15 - 03 -2012	Date Completed : 17 - 03 -2012
Legend :			
			
Co-ordinates :			

Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	12.0	Very dense Brown to light brown fine SAND with trace of mica		21.0	8	15	20	35								
22.0		D22				22.0	10	20	30	50								
23.0		D23				23.0	12	32	18	50								
24.0		D24				24.0	16	50	0	50								
25.0		D25				25.0	18	50	0	50								
26.0		D26				26.0	21	50	0	50								
27.0		D27				27.0	23	50	0	50								
28.0		D28				28.0	25	50	0	50								
29.0		D29				29.0	27	50	0	50								
30.0		D30				30.0	30	50	0	50								
31.0		D31				31.0	22	50	0	50								
32.0		D32				32.0	26	50	0	50								
33.0		D33	12.0	Very dense Brown silty fine SAND with trace of mica		33.0	20	50	0	50								
34.0		D34				34.0	23	50	0	50								
35.0		D35				35.0	25	50	0	50								
36.0		D36				36.0	27	50	0	50								
37.0		D37				37.0	28	50	0	50								
38.0		D38				38.0	30	50	0	50								
39.0		D39				39.0	22	50	0	50								
40.0		D40				40.0	35	50	0	50								

Note : Boring Terminated at 45.0m from EGL
D for Disturbed sample
UD for Undisturbed sample




Cont'd.....




Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.												
Bore Hole No. : P7					Existing Ground Level : -15.22m												
Method of Boring : Percussion					Ground/ Water Level : -0.62m												
Boring Dia. : 100mm					Date Started : 15 - 03 -2012												
Depth of Boring : 45.0m					Date Completed : 17 - 03 -2012												
Legend :					 SAND  SILT  CLAY												
Co-ordinates :																	
Location of Boring : Meghnaghat					Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60	
41.0		D41		Very dense Brown silty fine SAND with trace of mica		41.0	37	50	0	50							
42.0		D42				42.0	39	50	0	50							
43.0		D43				43.0	43	50	0	50							
44.0		D44				44.0	45	50	0	50							
45.0		D45				45.0	47	50	0	50							
				End of Boring													
46.0		D46															
47.0		D47															
48.0		D48															
49.0		D49															
50.0		D50															
51.0		D51															
52.0		D52															
53.0		D53															
54.0		D54															
55.0		D55															
56.0		D56															
57.0		D57															
58.0		D58															
59.0		D59															
60.0		D60															

Note : Boring Terminated at 45.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Logged by : Azhar
Check by : Mahabub








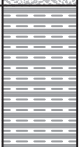

Project : Construction of Meghna Bridge		Client : Oriental Consultants Co. Ltd.	
Bore Hole No. : P8	Method of Boring : Percussion	Existing Ground Level : -15.35m	Ground/ Water Level : -0.80m
Boring Dia. : 100mm	Depth of Boring : 40.0m	Date Started : 18-03-2012	Date Completed : 21-03-2012
Legend :		 SAND	 SILT
		 CLAY	
Co-ordinates :			

Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
1.0	D1		1.0	Soft Grey non plastic SILT with trace of mica		1.0	1	2	2	4								
2.0	D2		15.0	Loose to medium dense Grey silty fine SAND with trace of mica		2.0	2	3	3	6								
3.0	D3					3.0	2	3	5	8								
4.0	D4					4.0	2	3	6	9								
5.0	D5					5.0	3	4	6	10								
6.0	D6					6.0	3	5	7	12								
7.0	D7					7.0	3	6	9	15								
8.0	D8					8.0	3	6	10	16								
9.0	D9					9.0	3	5	10	15								
10.0	D10					10.0	4	6	8	14								
11.0	D11					11.0	2	8	6	14								
12.0	D12					12.0	3	5	8	13								
13.0	D13					13.0	5	6	16	22								
14.0	D14					14.0	5	8	10	18								
15.0	D15					15.0	4	10	15	25								
16.0	D16					16.0	4	12	17	29								
17.0	D17		4.0	Dense Grey fine SAND with trace of mica		17.0	5	13	19	32								
18.0	D18					18.0	5	15	20	35								
19.0	D19					19.0	6	13	24	37								
20.0	D20					20.0	6	14	26	40								

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....




Logged by : Azhar
Check by : Mahabub


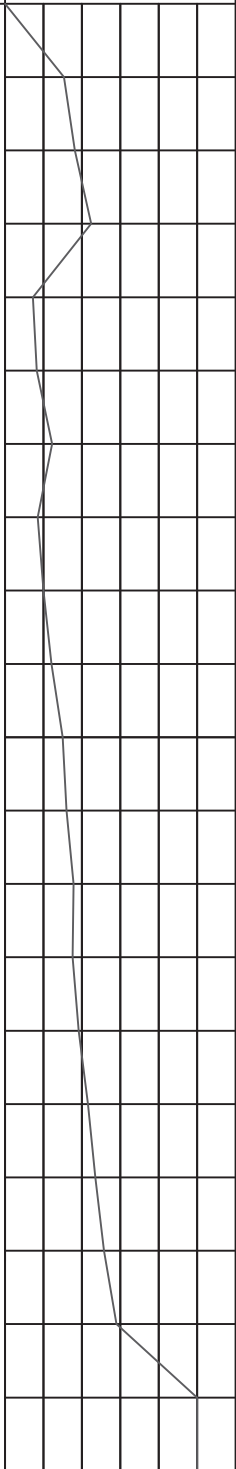
Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.							
Bore Hole No. : P8					Existing Ground Level : -15.35m							
Method of Boring : Percussion					Ground/ Water Level : -0.80m							
Boring Dia. : 100mm					Date Started : 18-03-2012							
Depth of Boring : 40.0m					Date Completed : 21-03-2012							
Legend :					 SAND  SILT  CLAY							
Co-ordinates :												
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10 20 30 40 50 60	
21.0		D21	2.0	Dense Grey fine SAND with trace of mica		21.0	6	16	27	43		
22.0		D22	3.0	Very dense Grey silty fine SAND with trace of mica		22.0	7	18	29	47		
23.0		D23				23.0	7	20	30	50		
24.0		D24				24.0	7	23	27	50		
25.0		D25				25.0	12	27	23	50		
26.0		D26	2.0	Very stiff to hard Brown medium plastic CLAY		26.0	8	12	15	27		
27.0		D27	1.0	Dense Brown fine SAND with trace of mica		27.0	9	15	18	33		
28.0		D28				28.0	10	20	22	42		
29.0		D29	2.0	Very stiff Brown medium plastic CLAY		29.0	6	12	15	27		
30.0		D30	10.0	Dense to very dense Light brown fine SAND with trace of mica		30.0	7	13	16	29		
31.0		D31				31.0	9	18	22	40		
32.0		D32				32.0	10	20	23	43		
33.0		D33				33.0	12	25	25	50		
34.0		D34				34.0	15	28	22	50		
35.0		D35				35.0	17	30	20	50		
36.0		D36				36.0	20	35	15	50		
37.0		D37				37.0	22	40	10	50		
38.0		D38	38.0	27	45	5	50					
39.0		D39	39.0	27	50	-	50					
40.0		D40	40.0	29	50	-	50					

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring

Logged by : Azhar
Check by : Mahabub






Project : Construction of Meghna Bridge		Client : Oriental Consultants Co. Ltd.	
Bore Hole No. : P9	Method of Boring : Percussion	Existing Ground Level : -18.71m	Ground/ Water Level : -0.18m
Boring Dia. : 100mm	Depth of Boring : 40.0m	Date Started : 18-03-2012	Date Completed : 21-03-2012
Legend :		 SAND	 SILT
		 CLAY	
Co-ordinates :			

Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values		
1.0		D1	18.0	Medium dense Grey silty very fine SAND with trace of mica		1.0	6	7	9	16		
2.0		D2				2.0	7	9	10	19		
3.0		D3				3.0	8	10	12	22		
4.0		D4				4.0	3	4	4	8		
5.0		D5				5.0	3	4	5	9		
6.0		D6				6.0	4	5	7	12		
7.0		D7				7.0	3	4	5	9		
8.0		D8				8.0	3	5	5	10		
9.0		D9				9.0	3	5	6	11		
10.0		D10				10.0	4	6	8	14		
11.0		D11				11.0	4	7	9	16		
12.0		D12				12.0	5	8	10	18		
13.0		D13				13.0	4	7	11	18		
14.0		D14				14.0	4	8	11	19		
15.0		D15				15.0	5	9	12	21		
16.0		D16				16.0	6	10	13	23		
17.0		D17				17.0	7	12	14	26		
18.0		D18				18.0	8	13	16	29		
19.0		D19		19.0	18	30	20	50				
20.0		D20		20.0	20	40	10	50				

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....





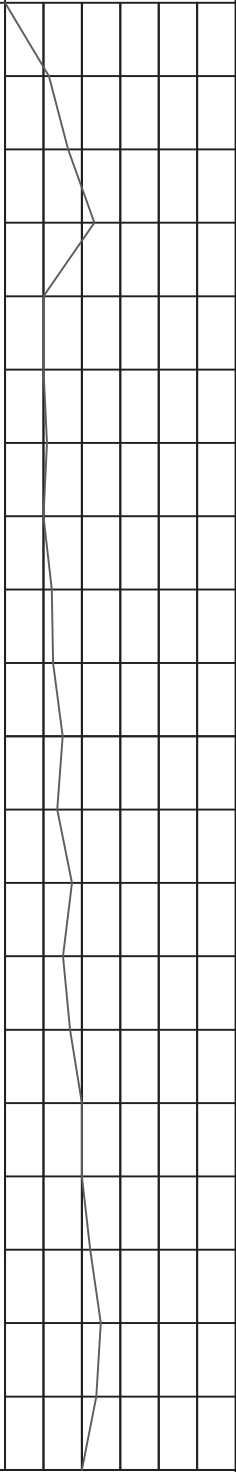


Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.													
Bore Hole No. : P9					Existing Ground Level : -18.71m													
Method of Boring : Percussion					Ground/ Water Level : -0.18m													
Boring Dia. : 100mm					Date Started : 18-03-2012													
Depth of Boring : 40.0m					Date Completed : 21-03-2012													
Legend :					 SAND  SILT  CLAY													
Co-ordinates :																		
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	10.0	Medium dense Grey silty very fine SAND with trace of mica		21.0	25	50	0	50								
22.0		D22				22.0	20	35	15	50								
23.0		D23				23.0	19	31	19	50								
24.0		D24				24.0	15	27	23	50								
25.0		D25				25.0	15	28	22	50								
26.0		D26				26.0	15	29	21	50								
27.0		D27				27.0	17	30	20	50								
28.0		D28				28.0	18	32	18	50								
29.0		D29	12.0	Medium dense Grey silty very fine SAND with trace of mica		29.0	20	35	15	50								
30.0		D30				30.0	22	37	13	50								
31.0		D31				31.0	21	38	12	50								
32.0		D32				32.0	22	40	10	50								
33.0		D33				33.0	25	42	8	50								
34.0		D34				34.0	27	40	10	50								
35.0		D35				35.0	28	45	5	50								
36.0		D36				36.0	30	50	-	50								
37.0		D37				37.0	32	50	-	50								
38.0		D38				38.0	35	50	-	50								
39.0		D39				39.0	35	50	-	50								
40.0		D40				40.0	40	50	-	50								

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring







Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge						Client : Oriental Consultants Co. Ltd.						
Bore Hole No. : P10						Existing Ground Level : -20.20m						
Method of Boring : Percussion						Ground/ Water Level : -3.2m						
Boring Dia. : 100mm						Date Started : 22-03-2012						
Depth of Boring : 40.0m						Date Completed : 24-03-2012						
Legend :						 SAND		 SILT		 CLAY		
Co-ordinates :												
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values		
1.0	D1		7.0	Medium dense Grey fine SAND with trace of mica		1.0	3	3	8	11		
2.0	D2					2.0	4	6	11	17		
3.0	D3					3.0	6	10	13	23		
4.0	D4					4.0	3	4	6	10		
5.0	D5					5.0	3	4	6	10		
6.0	D6					6.0	4	5	6	11		
7.0	D7					7.0	3	4	6	10		
8.0	D8		7.0	Medium dense Light grey silty very fine SAND with trace of mica		8.0	4	5	7	12		
9.0	D9					9.0	4	4	8	12		
10.0	D10					10.0	5	7	8	15		
11.0	D11					11.0	3	6	7	13		
12.0	D12					12.0	4	7	10	17		
13.0	D13					13.0	5	7	8	15		
14.0	D14			14.0	5	8	9	17				
15.0	D15		6.0	Medium dense Grey fine SAND with trace of mica		15.0	5	8	12	20		
16.0	D16					16.0	6	8	12	20		
17.0	D17					17.0	5	10	12	22		
18.0	D18					18.0	7	10	15	25		
19.0	D19					19.0	8	8	15	23		
20.0	D20					20.0	5	8	12	20		

Note : Boring Terminated at 40.0m from EGL
 D for Disturbed sample
 UD for Undisturbed sample

Cont'd.....





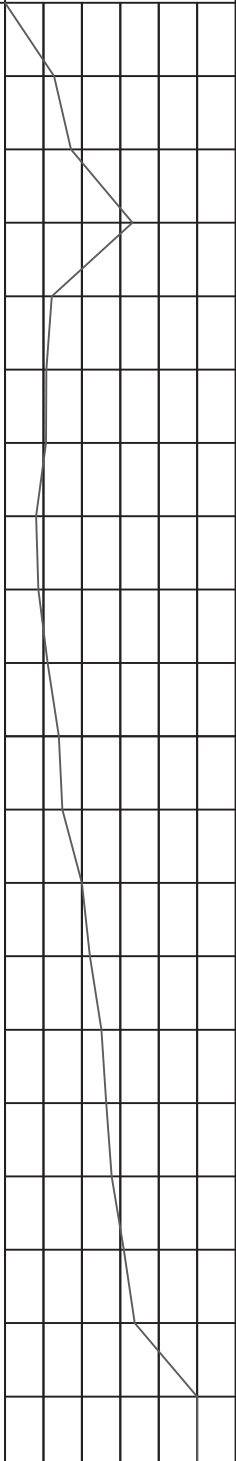



Logged by : Azhar
 Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.													
Bore Hole No. : P10					Existing Ground Level : -20.20m													
Method of Boring : Percussion					Ground/ Water Level : -3.2m													
Boring Dia. : 100mm					Date Started : 22-03-2012													
Depth of Boring : 40.0m					Date Completed : 24-03-2012													
Legend :					 SAND  SILT  CLAY													
Co-ordinates :																		
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	10.0	Very dense Grey to light grey silty very fine SAND with trace of mica		21.0	22	50	0	50								
22.0		D22				22.0	20	50	0	50								
23.0		D23				23.0	27	50	0	50								
24.0		D24				24.0	20	28	28	56								
25.0		D25				25.0	18	32	35	67								
26.0		D26				26.0	16	32	18	50								
27.0		D27				27.0	20	50	0	50								
28.0		D28				28.0	22	50	0	50								
29.0		D29				29.0	24	50	0	50								
30.0		D30				30.0	28	50	0	50								
31.0		D31	5.0	Very dense Yellowish brown silty very fine SAND with trace of mica		31.0	20	50	0	50								
32.0		D32				32.0	22	50	0	50								
33.0		D33				33.0	30	50	0	50								
34.0		D34				34.0	27	50	0	50								
35.0		D35				35.0	28	50	0	50								
36.0		D36	5.0	Very dense Light grey silty very fine SAND with trace of mica		36.0	23	50	0	50								
37.0		D37				37.0	26	50	0	50								
38.0		D38				38.0	27	50	0	50								
39.0		D39				39.0	28	50	0	50								
40.0		D40				40.0	30	50	0	50								

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring





Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge						Client : Oriental Consultants Co. Ltd.						
Bore Hole No. : P11						Existing Ground Level : -18.14m						
Method of Boring : Percussion						Ground/ Water Level : -2.9m						
Boring Dia. : 100mm						Date Started : 22-03-2012						
Depth of Boring : 40.0m						Date Completed : 25-03-2012						
Legend :						 SAND		 SILT		 CLAY		
Co-ordinates :												
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10 20 30 40 50 60	
1.0	D1		6.0	Medium dense Grey fine SAND with trace of mica		1.0	3	4	8	12		
2.0	D2					2.0	4	7	10	17		
3.0	D3					3.0	10	15	18	33		
4.0	D4					4.0	3	5	7	12		
5.0	D5					5.0	3	5	6	11		
6.0	D6					6.0	3	5	6	11		
7.0	D7		6.0	Loose to medium dense Grey silty fine SAND with trace of mica		7.0	2	3	5	8		
8.0	D8					8.0	3	3	6	9		
9.0	D9					9.0	3	4	7	11		
10.0	D10					10.0	4	5	8	13		
11.0	D11					11.0	4	5	10	15		
12.0	D12					12.0	6	8	12	20		
13.0	D13		6.0	Medium dense to dense Grey fine SAND with trace of mica		13.0	6	9	13	22		
14.0	D14					14.0	7	10	15	25		
15.0	D15					15.0	7	12	14	26		
16.0	D16					16.0	7	12	16	28		
17.0	D17					17.0	4	14	17	31		
18.0	D18					18.0	8	15	18	33		
19.0	D19		6.0	Very dense Grey fine SAND with trace of mica		19.0	9	15	35	50		
20.0	D20					20.0	11	13	37	50		

Note : Boring Terminated at 40.0m from EGL
 D for Disturbed sample
 UD for Undisturbed sample

Cont'd.....







Logged by : Azhar
 Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.													
Bore Hole No. : P11					Existing Ground Level : -18.14m													
Method of Boring : Percussion					Ground/ Water Level : -2.9m													
Boring Dia. : 100mm					Date Started : 22-03-2012													
Depth of Boring : 40.0m					Date Completed : 25-03-2012													
Legend :					 SAND  SILT  CLAY													
Co-ordinates :																		
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	22.0	Very dense Grey fine SAND with trace of mica		21.0	12	14	36	50								
22.0		D22				22.0	14	20	30	50								
23.0		D23				23.0	16	32	18	50								
24.0		D24				24.0	18	50	0	50								
25.0		D25				25.0	20	50	0	50								
26.0		D26				26.0	22	50	0	50								
27.0		D27				27.0	24	50	0	50								
28.0		D28				28.0	26	50	0	50								
29.0		D29				29.0	28	50	0	50								
30.0		D30				30.0	31	50	0	50								
31.0		D31				31.0	33	50	0	50								
32.0		D32				32.0	35	50	0	50								
33.0		D33				33.0	38	50	0	50								
34.0		D34				34.0	35	50	0	50								
35.0		D35				35.0	37	50	0	50								
36.0		D36				36.0	38	50	0	50								
37.0		D37				37.0	32	50	0	50								
38.0		D38				38.0	34	50	0	50								
39.0		D39				39.0	36	50	0	50								
40.0		D40				40.0	37	50	0	50								

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring






Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.												
Bore Hole No. : P12					Existing Ground Level : -13.56m												
Method of Boring : Percussion					Ground/ Water Level : -3.44m												
Boring Dia. : 100mm					Date Started : 25-03-2012												
Depth of Boring : 40.0m					Date Completed : 27-03-2012												
Legend :					 SAND  SILT  CLAY												
Co-ordinates :																	
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation							
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60	
1.0	D1		11.0	Medium dense Grey to light grey silty very fine SAND with trace of mica		1.0	4	6	7	13							
2.0	D2					2.0	6	8	12	20							
3.0	D3					3.0	8	10	13	23							
4.0	D4					4.0	5	6	10	16							
5.0	D5					5.0	5	6	8	14							
6.0	D6					6.0	4	6	7	13							
7.0	D7					7.0	4	7	9	16							
8.0	D8					8.0	4	5	7	12							
9.0	D9					9.0	3	5	10	15							
10.0	D10					10.0	4	6	8	14							
11.0	D11					11.0	2	8	6	14							
12.0	D12		4.0	Medium dense Brown silty very fine SAND with trace of mica		12.0	4	7	10	17							
13.0	D13					13.0	6	9	13	22							
14.0	D14					14.0	6	8	15	23							
15.0	D15					15.0	4	10	15	25							
16.0	D16		10.0	Medium dense to dense Grey silty very fine SAND with trace of mica		16.0	5	7	12	19							
17.0	D17					17.0	6	8	14	22							
18.0	D18					18.0	8	10	18	28							
19.0	D19					19.0	7	10	18	28							
20.0	D20					20.0	8	13	17	30							

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....





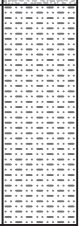

Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge						Client : Oriental Consultants Co. Ltd.												
Bore Hole No. : P12						Existing Ground Level : -13.56m												
Method of Boring : Percussion						Ground/ Water Level : -3.44m												
Boring Dia. : 100mm						Date Started : 25-03-2012												
Depth of Boring : 40.0m						Date Completed : 27-03-2012												
Legend :						 SAND		 SILT		 CLAY								
Co-ordinates :																		
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation								
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60		
21.0		D21	10.0	Medium dense to dense Grey silty very fine SAND with trace of mica		21.0	10	14	18	32								
22.0		D22				22.0	9	14	20	34								
23.0		D23				23.0	9	13	28	41								
24.0		D24				24.0	9	14	18	32								
25.0		D25				25.0	10	14	20	34								
26.0		D26	5.0	Very dense Light grey fine SAND with trace of mica		26.0	14	20	30	50								
27.0		D27				27.0	14	50	0	50								
28.0		D28				28.0	16	50	0	50								
29.0		D29				29.0	18	50	0	50								
30.0		D30				30.0	20	50	0	50								
31.0		D31				31.0	23	50	0	50								
32.0		D32				32.0	26	50	0	50								
33.0		D33				33.0	31	50	0	50								
34.0		D34				34.0	33	50	0	50								
35.0		D35				35.0	28	50	0	50								
36.0		D36	36.0	35	50	0	50											
37.0		D37	37.0	38	50	0	50											
38.0		D38	38.0	32	50	0	50											
39.0		D39	39.0	35	50	0	50											
40.0		D40	40.0	37	50	0	50											

Note : Boring Terminated at 40.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

End of Boring





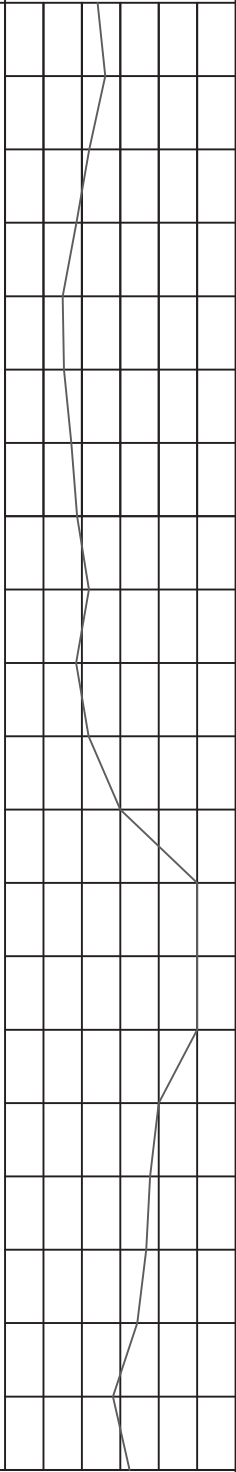


Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.												
Bore Hole No. : A2					Existing Ground Level : +3.39m												
Method of Boring : Percussion					Ground/ Water Level : -1.18m												
Boring Dia. : 100mm					Date Started : 09-03-2012												
Depth of Boring : 51.0m					Date Completed : 13-03-2012												
Legend :					 SAND  SILT  CLAY												
Co-ordinates :																	
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation							
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10	20	30	40	50	60	
1.0	D1		6.0	Brown silty fine SAND with brick chips and rubbish.		1.0	0	0	0	00							
2.0	D2		2.0			0	0	0	00								
3.0	D3		3.0			0	0	0	00								
4.0	D4		4.0			0	0	0	00								
5.0	D5		5.0			0	0	0	00								
6.0	D6		6.0			2	3	4	7								
7.0	D7		3.0	Medium stiff to stiff Brown to light brown non plastic SILT with trace of mica		7.0	2	3	5	8							
8.0	D8		8.0			3	4	6	10								
9.0	D9		9.0			4	5	7	12								
10.0	D10		11.0	Medium dense Grey to light grey silty fine SAND with trace of mica		10.0	3	4	5	9							
11.0	D11		11.0			4	5	5	10								
12.0	D12		12.0			5	6	7	13								
13.0	D13		13.0			5	6	8	14								
14.0	D14		14.0			6	8	9	17								
15.0	D15		15.0			5	8	9	17								
16.0	D16		16.0			5	6	8	14								
17.0	D17		17.0			5	6	7	13								
18.0	D18		18.0			5	6	7	13								
19.0	D19		19.0			8	10	12	22								
20.0	D20		20.0	8	11	13	24										

Note : Boring Terminated at 51.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Cont'd.....





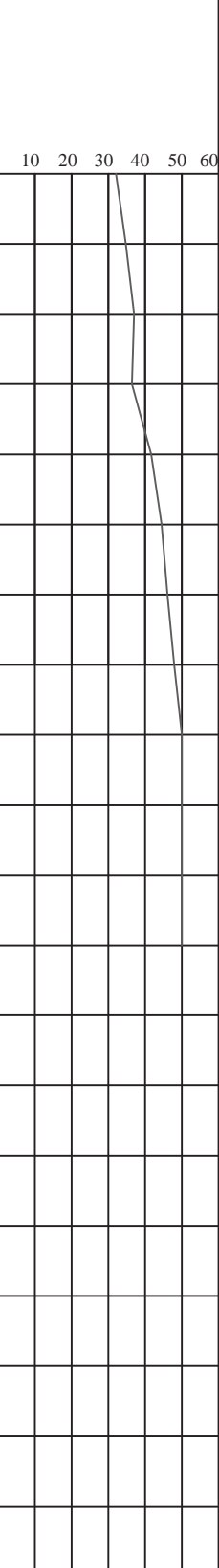

Logged by : Azhar
Check by : Mahabub

Project : Construction of Meghna Bridge						Client : Oriental Consultants Co. Ltd.						
Bore Hole No. : A2						Existing Ground Level : +3.39m						
Method of Boring : Percussion						Ground/ Water Level : -1.18m						
Boring Dia. : 100mm						Date Started : 09-03-2012						
Depth of Boring : 51.0m						Date Completed : 13-03-2012						
Legend :						 SAND		 SILT		 CLAY		
Co-ordinates :												
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10 20 30 40 50 60	
21.0		D21	6.0	Medium dense Grey to light grey silty fine SAND with trace of mica		21.0	9	12	14	26		
22.0		D22				22.0	7	10	12	22		
23.0		D23				23.0	6	9	10	19		
24.0		D24				24.0	5	6	8	14		
25.0		D25				25.0	5	7	8	15		
26.0		D26				26.0	5	8	10	18		
27.0		D27	5.0	Medium dense Grey to brown silty fine SAND with trace of mica		27.0	6	9	10	19		
28.0		D28				28.0	6	10	12	22		
29.0		D29				29.0	6	9	10	19		
30.0		D30				30.0	6	10	12	22		
31.0		D31				31.0	8	12	18	30		
32.0		D32				7.0	Dense to very dense Light grey silty fine SAND with trace of mica		32.0	18	30	20
33.0		D33	33.0	20	35				15	50		
34.0		D34	34.0	22	35				15	50		
35.0		D35	35.0	12	17				23	40		
36.0		D36	36.0	10	16				22	38		
37.0		D37	37.0	10	16				21	37		
38.0		D38										
39.0		D39				39.0	9	13	15	28		
40.0		D40				40.0	9	14	18	32		

Note : Boring Terminated at 51.0m from EGL
 D for Disturbed sample
 UD for Undisturbed sample

Cont'd.....

Logged by : Azhar
 Check by : Mahabub

Project : Construction of Meghna Bridge					Client : Oriental Consultants Co. Ltd.							
Bore Hole No. : A2					Existing Ground Level : +3.39m							
Method of Boring : Percussion					Ground/ Water Level : -1.18m							
Boring Dia. : 100mm					Date Started : 09-03-2012							
Depth of Boring : 51.0m					Date Completed : 13-03-2012							
Legend :					 SAND	 SILT	 CLAY					
Co-ordinates :												
Location of Boring : Meghnaghat						Blows on spoon				Graphical Representation		
Depth below G.L. (m)	Type of Sample	Sample No.	Thickness in (m)	DESCRIPTION OF SOIL STRATA	Symbol	SPT intervals (m)	15 cm penetration	15 cm penetration	15 cm penetration	N-Values	10 20 30 40 50 60	
41.0		D41	7.0	Medium dense to dense Grey to brown silty fine SAND with trace of mica		41.0	10	15	20	35		
42.0		D42				42.0	10	16	22	38		
43.0		D43				43.0	10	14	23	37		
44.0		D44				44.0	10	15	26	41		
45.0		D45				45.0	10	16	28	44		
46.0		D46	6.0	Hard Yellowish brown non plastic SILT with trace of mica		46.0	12	18	28	46		
47.0		D47				47.0	15	20	29	49		
48.0		D48				48.0	20	50	0	50		
49.0		D49				49.0	25	50	0	50		
50.0		D50				50.0	32	50	0	50		
51.0		D51				51.0	35	50	0	50		
52.0		D52		End of Boring								
53.0		D53										
54.0		D54										
55.0		D55										
56.0		D56										
57.0		D57										
58.0		D58										
59.0		D59										
60.0		D60										

Note : Boring Terminated at 51.0m from EGL
D for Disturbed sample
UD for Undisturbed sample

Logged by : Azhar
Check by : Mahabub