

GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1										BORING LOG AD-43 No: 1 of 2 Sheet No: 1 of 2 COORDINATES: X= 110 175.395 Y= 200 037.918 GROUND ELEVATION, EL. (m) : 6.992m CHAINAGE :									
LOCATION : Kadawatha										BOREHOLE No: AD-43 Sheet No: 1 of 2 COORDINATES: X= 110 175.395 Y= 200 037.918 GROUND ELEVATION, EL. (m) : 6.992m CHAINAGE :									
DATE : From : 19/06/2007 To : 20/06/2007										DATE : From : 19/06/2007 To : 20/06/2007									
GROUND WATER LEVEL (m) : 0.10m										GROUND WATER LEVEL (m) : 0.40m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	METHOD	TEST SAMPLE	REMARKS					
0																			
1	0.55	0.55	0.55	X	BROWN	SILTY SAND	BROWN, GREY, DARK GREY, SLIGHTLY CLAYEY SAND WITH PLANT ROOTS	1.45-04/30		4		D							
2				X	BLACK	SILTY CLAY	VERY SOFT BLACK BLACKISH GREY, LIGHT BROWN SILTY CLAY WITH FINE TO MEDIUM SAND 2.62-4.5 WHITISH GREY, HARD CLAY LAYER ENCOUNTERED	2.15-12/20		12		S							
3	2.30	1.95		X	GREY	SILTY SAND	BLACKISH GREY, GRAY, WHITISH GRAY, SLIGHTLY CLAYEY, SILTY FINE TO MEDIUM SAND	3.15-3.45		8		S							
4	4.00	1.50		X			WHITISH GRAY, PALE YELLOWISH GRAY, KEOLINIZED CLAYEY SILT WITH FINE TO MEDIUM ANGULAR TO SUB ANGULAR QUARTZ GRAINS COMPLETELY WEATHERED ROCK	4.15-4.45		5		S							
5				X	GREY	COMPLETELY WEATHERED ROCK		5.15-6.45		6		W							
6				X				6.45-6.60				S							
7	6.80	2.80		X	YELLOW	COMPLETELY WEATHERED ROCK	YELLOW, YELLOWISH BROWN GRAY, SLIGHTLY CLAYEY SILT WITH MEDIUM TO COARSE SAND WITH TRACES OF MICA SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK LEVEL	7.15-7.45		13		W							
8				X				8.15-8.45		14		S							
9	8.80	1.80		X			SAME AS NEXT DESCRIPTIONS	9.15-9.45				C							
10																			



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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1										BORING LOG AD-43 No: 2 of 2 Sheet No: 2 of 2 COORDINATES: X= 110 175.395 Y= 200 037.918 GROUND ELEVATION, EL. (m) : 6.992m CHAINAGE :									
LOCATION : Kadawatha										BOREHOLE No: AD-43 Sheet No: 2 of 2 COORDINATES: X= 110 175.395 Y= 200 037.918 GROUND ELEVATION, EL. (m) : 6.992m CHAINAGE :									
DATE : From : 19/06/2007 To : 20/06/2007										DATE : From : 19/06/2007 To : 20/06/2007									
GROUND WATER LEVEL (m) : 0.10m										GROUND WATER LEVEL (m) : 0.40m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	METHOD	TEST SAMPLE	REMARKS					
0																			
1	10.10	1.50		X	GREY	BIOTITE GNEISS	GREY, WHITISH GREY, BLACKISH GREY MEDIUM GRAINED, MODERATELY FRACTURED, FRESH GARNETIC BIOTITE GNEISS	8.66-9.56	93%			C							
2				X	GREY	BIOTITE GNEISS	BIOTITE GNEISS, MODERATELY FRACTURED, FAINTLY GREY, WHITISH GREY, BLACKISH GREY MEDIUM GRAINED, MODERATELY FRACTURED, FRESH GARNET BIOTITE GNEISS	9.70-10.10				C							
3	11.65	1.55		X			BIOTITE GNEISS, MODERATELY FRACTURED, FAINTLY DISCOLOURED, BIOTITE GNEISS	10.10-10.60 & 10.60-11.65				C							
4				X			MODERATELY FRACTURED, MODERATELY FRACTURED ROCK					C							
5				X			END OF BORING					C							
6				X								C							
7				X								C							
8				X								C							
9				X								C							
10				X								C							



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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I				BORING LOG No: AD-44 Sheet No: 1 of 1 COORDINATES: X= 110 260.984 Y= 200 212.778 GROUND ELEVATION, EL (m): 7.589m CHAINAGE				BOREHOLE No: AD-44 Sheet No: 1 of 1 COORDINATES: X= 110 266.792 Y= 200 182.121 GROUND ELEVATION, EL (m): 7.283 CHAINAGE					
LOCATION : Kadavatha				LOCATION : 121				LOCATION : 121					
DATE	From	To	DATE	From	To	DATE	From	To	DATE	From	To		
	03-06-2007	04-06-2007		06-05-2007	06-06-2007		06-05-2007	06-06-2007		06-05-2007	06-06-2007		
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
0													
1	0.8	0.8	0.8		GREY	SAND	WASHED SAMPLE, GREY, WHITISH GREY FINE TO COARSE ANGULAR TO SUB-ANGULAR SAND	1.45-1.45	04/30	4		D	
2	2.20	2.12	2.12		GREY	FINE TO MEDIUM SAND	STIFF GREY, YELLOWISH GREY FINE TO MEDIUM ANGULAR TO SUB-ANGULAR SAND	2.45-2.45	13/20	13		S	
3	3.45	3.45	3.45		GREY	CLAYEY SAND	VERY LOOSE GREY, PALE YELLOW CLAYEY FINE TO COARSE ANGULAR TO SUB-ANGULAR SAND	3.45-3.45	09/20	3		W	
4	4.00	4.00	4.00		GREY	COMPLETELY WEATHERED ROCK	BLACKISH GREY/PALE YELLOWISH WHITE SLIGHTLY SILTY CLAYEY SAND WITH QUARTZ GRAINS AND TRACES OF MICA COMPLETELY WEATHERED ROCK	4.45-4.45	07/30	7		S	
5							OFF WHITE, YELLOWISH GRAY CLAYEY MEDIUM TO COARSE QUARTZ GRAINS COMPLETELY WEATHERED ROCK	5.45-5.45	18/30	18		W	
6					WHITE	COMPLETELY WEATHERED ROCK	6.00-6.45 SAMPLE SHOWS RELICT STRUCTURES	6.45-6.45	>50/20	>50		S	
7	6.60	6.60	6.60		BLACK	BIOTITE GNEISS	BIOTITE GNEISS OFF WHITE, PINKISH RED MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED FELDSPAR QUARTZ, GARNET AND RICH BIOTITE GNEISS	6.60-6.60	41%			W	
8	8.10	8.10	8.10		BLACK	BIOTITE GNEISS	BIOTITE GNEISS FAINTLY DISCOLOURED HIGHLY FRACTURED FELDSPAR, QUARTZ, GARNET AND RICH BIOTITE GNEISS	8.10-8.10	77%			C	
9							END OF BORING						
10	9.60	9.60	1.50										

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I				BORING LOG No: AD-45 Sheet No: 1 of 2 COORDINATES: X= 110 266.792 Y= 200 182.121 GROUND ELEVATION, EL (m): 7.283 CHAINAGE				BOREHOLE No: AD-45 Sheet No: 1 of 2 COORDINATES: X= 110 266.792 Y= 200 182.121 GROUND ELEVATION, EL (m): 7.283 CHAINAGE					
LOCATION : 121				LOCATION : 121				LOCATION : 121					
DATE	From	To	DATE	From	To	DATE	From	To	DATE	From	To		
	06-05-2007	06-06-2007		06-05-2007	06-06-2007		06-05-2007	06-06-2007		06-05-2007	06-06-2007		
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
0													
1	0.99	0.99	0.99		BROWN	SANDY CLAY	BROWN, LIGHT BROWN SLIGHTLY SILTY FINE TO MEDIUM SANDY CLAY WITH SOME ORGANIC MATTER	1.45-1.45	12/30	12		D	
2					GREY	CLAYEY SAND	MEDIUM DENSE, GREY, WHITISH GREY, GRAYISH BROWN, SLIGHTLY SILTY CLAYEY FINE TO MEDIUM SAND WITH SOME FINE GRAVEL	2.45-2.45	12/30	12		S	
3							3.0-3.45 SAMPLE CONTAINED RELATIVELY MEDIUM TO COARSE SAND	3.45-3.45	20/30	20		W	
4	3.40	3.40	3.40					3.45-3.45	34/30	34		S	
5							YELLOW, YELLOWISH GREY, BLACKISH GREY, WHITISH GREY SLIGHTLY KEOLINIZED CLAYEY FINE TO MEDIUM ANGULAR TO SUB-ANGULAR SANDY SILT WITH TRACES OF MICA	5.45-5.45	17/30	7		W	
6					YELLOW	COMPLETELY WEATHERED ROCK	FELDSPAR CONTENT DECREASED WITH THE DEPTH	6.45-6.45	25/30	25		S	
7							6.0-6.45 SAMPLE EVIDENT WITH RELATIVELY HIGH GRAVEL CONTENT. COARSER PARTICLES INCREASED WITH THE DEPTH	7.45-7.45	39/30	39		W	
8							SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	8.45-8.45	19/30	19		S	
9								9.45-9.45	23/30	23		W	
10								9.45-9.45	23/30	23		W	

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LOCATION : Kadawatha										GROUND WATER LEVEL (m) : 0.00m									
DATE : From : 06-05-2007 To: 06-06-2007										TEST SAMPLE									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		REMARKS									
								DEPTH (m)	BLOWS / cm										
10							SAME AS PREVIOUS DESCRIPTIONS	10.45	>50/50										
11	11.00	7.60			BROWN	COMPLETELY WEATHERED ROCK	BROWN DARK YELLOWISH BROWN BROWN CLAYEY SILT WITH SOME FINE SAND WITH KEOLINIZED CLAY WITH TRACES OF MICR STRUCTURES COMPLETELY WEATHERED ROCK	11.15	11.45-50/25										
12	11.65	0.65				FELDSPHETIC GNEISS	ROCK LEVEL	13%	0%										
13	13.15	1.50				FELDSPHETIC GNEISS	YELLOWISH GREY, PALE YELLOWISH WHITE, DARK BROWN, MEDIUM GRAINED, STRONGLY DISCOLOURED, HIGHLY FRACTURED GARNET FELDSPHETIC GNEISS	22%	13%										
14	14.65	1.50				FELDSPHETIC GNEISS	YELLOWISH WHITE, PALE YELLOW, MEDIUM GRAINED DISCOLOURED, MODERATELY FRACTURED, FELDSPHETIC GNEISS												
15							END OF BORING												
16																			
17																			
18																			
19																			
20																			

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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1										BOREHOLE No: AD-46 Sheet No: 1 of 2 COORDINATES: X= 111 852.932 Y= 195 555.513 GROUND ELEVATION, EL. (m): 1.665m CHAINAGE :									
LOCATION : Kadawatha										GROUND WATER LEVEL (m) : 0.00m									
DATE : From : 18/07/2007 To: 18/07/2007										TEST SAMPLE									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		REMARKS									
								DEPTH (m)	BLOWS / cm										
1							VERY SOFT BROWN, GREY, WHITISH GREY, YELLOWISH BROWN SLIGHTLY SILTY CLAY WITH PLANT ROOTS	0.15	1.03										
2						CLAY	FIRM GREY CLAY	2.15-2.45	8/30										
3						CLAY	FIRM YELLOWISH BROWN, WHITISH GREY, REDDISH BROWN SLIGHTLY SILTY CLAY	3.15-3.45	8/30										
4						CLAY	SOFT REDDISH BROWN, YELLOWISH BROWN SLIGHTLY SILTY LATERITIC CLAY	4.15-4.45	3/30										
5						PEATY CLAY	VERY SOFT, BLACKISH GREY PEATY CLAY WITH ORGANIC MATTER	5.15-5.45	1/30										
6						SAND	MEDIUM DENSE BROWNISH GREY FINE TO MEDIUM ANGULAR TO SUB ANGULAR SAND	6.45-6.75	1/30										
7						SAND	DENSE BROWNISH GREY, WHITISH GREY, BLACKISH GREY SLIGHTLY CLAYEY SILTY FINE TO MEDIUM ANGULAR TO SUB ANGULAR SAND WITH TRACES OF MICA, COMPLETELY WEATHERED ROCK	7.45-7.75	22/30										
8						COMPLETELY WEATHERED ROCK		8.45	33/30										
9								9.15											
10							SAME AS NEXT DESCRIPTION	9.45	>50/0										

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1		BOREHOLE No.: AD-47												
LOCATION : Kadawatha		Sheet No : 1 of 3												
DATE : From : 27/05/2007 To : 28/05/2007		GROUND ELEVATION, EL. (m) : 1.534												
COORDINATES: X= 111 859.818 Y= 195 521.703		CHAINAGE :												
LOCATION : Kadawatha		GROUND WATER LEVEL (m) : 0.00m												
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE METHOD	DEPTH (GWL)	REMARKS
0														
1		1.05	1.05	X	BROWNISH GREY	SILTY CLAY	BROWNISH GERY, BROWN SILTY CLAY WITH PLANT ROOTS	1.15-1.45	0			D		
2		1.65	0.6	X	BLACKISH GREY	PEATY ORGANIC CLAY	VERY SOFT BLACKISH GREY, GREY PEATY ORGANIC CLAY	2.15-2.45	0			S		
3		2.70	1.05	X	BLACKISH GREY	SILTY CLAY	VERY SOFT GREY, BLACKISH GREY SILTY CALY	3.15-3.45	10			W		
4				X	PALE YELLOW	SILTY CLAY	FIRM PALE YELLOW, YELLOWISH BROWN, GREY SLIGHTLY FINE SANDY SILTY CLAY. SAND CONTENT DECREASED WITH THE DEPTH	4.15-4.45	4			S		
5		4.80	2.10	X	BLACKISH GREY	PEATY ORGANIC CLAY	SOFT BACKISH GREY, GREY PEATY ORGANIC CLAY	5.15-5.45	3			W		
6		6.10	1.30	X				6.15-6.45	36			S		
7				X				7.15-7.45	36			W		
8				X				7.45-8.15	36			S		
9		9.00	2.9	X	BLACKISH GREY	COMPLETELY WEATHERED ROCK	DENSE GERY, BLACKISH GREY SILTY FINE TO COARSE/ANGULAR TO SUBANGULAR SAND. 600g-750m SAMPLE CONSISTED WITH MEDIUM TO COARSE GRYEL SIZE QUARTZ GRAINS	8.15-8.45	48			W		
10				X			SAME AS NEXT DESCRIPTION	9.15-9.45	40			S		

GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1		BOREHOLE No.: AD-46												
LOCATION : Kadawatha		Sheet No : 2 of 2												
DATE : From : 18/07/2007 To : 18/07/2007		GROUND ELEVATION, EL. (m) : 1.665m												
COORDINATES: X= 111 852.932 Y= 195 555.513		CHAINAGE :												
LOCATION : Kadawatha		GROUND WATER LEVEL (m) : 0.00m												
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE METHOD	DEPTH (GWL)	REMARKS
10		10.15						10.15	>500			W		
11		11.15						11.15	>500			S		
12		12.15					BLACKISH GREY, WHITISH GREY, BROWN CLAYEY FINE TO MEDIUM ANGULAR TO SUB ANGULAR SAND WITH TRACES OF MICA. SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	12.15	>500			W		
13		13.15			BLACKISH GREY	COMPLETELY WEATHERED ROCK		13.15	>500			S		
14		14.15						14.15	>500			W		
15		15.45	6.45				ROCK LEVEL	15.45	>500			S		
16							END OF BORING					W		
17														
18														
19														
20														

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COORDINATES: X= 111 859.818 Y= 195 521.703		Sheet No : 2 of 3										
GROUND ELEVATION, EL. (m) : 1.534 CHAINAGE :		GROUND WATER LEVEL (m) : 0.00m										
LOCATION : Kadawatha		DATE : From : 27/05/2007 To : 28/05/2007										
DEPTH (m)	EL EAVTION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
10		10.15						10.45 HB			W	
11		11.15						11.45 HB			W	
12		12.15						12.45 HB			S	
13		13.15						13.45 HB			S	
14		14.15						14.45 HB			W	
15		15.15						15.45 HB			S	
16		16.15						16.45 HB			W	
17		17.00									C	
18	17.65	17.65	8.65		YELLOW	BIOTITE GNEISS	BLACKISH GREY COMPLETELY WEATHERED ROCK CLAY CONTENT DECREASED WITH THE DEPTH. SHOWS REFLECT STRUCTURES COMPLETELY WEATHERED ROCK	71% 7%				
19		19.15	1.5		YELLOW	BIOTITE GNEISS	YELLOW, WHITISH GREY GREY MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED MICA BEARING FELDSPAR RICH BIOTITE GNEISS	91% 0%				
20							SAME AS PREVIOUS DESCRIPTION				C	

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COORDINATES: X= 111 859.818 Y= 195 521.703		Sheet No : 3 of 3										
GROUND ELEVATION, EL. (m) : 1.534 CHAINAGE :		GROUND WATER LEVEL (m) : 0.00m										
LOCATION : Kadawatha		DATE : From : 27/05/2007 To : 28/05/2007										
DEPTH (m)	EL EAVTION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
20		20.65	1.5		YELLOW	BIOTITE GNEISS	SAME AS PREVIOUS DESCRIPTIONS END OF BORING				C	
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BOREHOLE No: AD-48 Sheet No: 1 of 2 COORDINATES: X= 111.877.040 Y= 195.424.764		GROUND ELEVATION, EL. (m): 1.745m CHAINAGE		GROUND WATER LEVEL (m): 0.00m						
LOCATION : Kadawatha												
DATE	From	To	2007/07/19									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LAYER	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		TEST SAMPLE	REMARKS	
								BLOWS / CB	DEPTH (m)			
0												
1	1.05	1.05	1.05		BROWN	ORGANIC CLAY	BROWN, LIGHT BROWN, BROWNISH GREY ORGANIC CLAY WITH PLANT FRAGMENTS	1.15-1.45 9/30				
2					BLACK	PEATY ORGANIC CLAY	PEATY ORGANIC CLAY WITH SOME DECOMPOSED WOODEN PARTICLES	2.15-2.45 0/20				
3	2.10	1.05	1.05					3.15-3.45 4/20				
4								4.15-4.45 3/30				
5					GREY	SILTY CLAY	SOFT GREY, WHITISH GREY, PALE YELLOWISH GREY, YELLOW SILTY CLAY WITH SOME PINK SAND	4.45-4.75 3/30				
6							4.75-5.15 2/20					
7							5.15-5.45 2/30					
8	7.20	5.1	5.1		LIGHT BROWN	SILTY SAND	MEDIUM DENSE BROWN, LIGHT BROWN, GREY, LIGHT GREY, BLACKISH GREY, SLIGHTLY ORGANIC CLAYEY SILTY FINE TO MEDIUM SAND WITH SOME ANGULAR TO SUB ANGULAR COARSE SAND	6.45-6.85 6/30				
9								7.15-7.45 20/30				
10	9.45	2.25	2.25				SAME AS NEXT DESCRIPTIONS	8.45-8.65 66/20				
								9.15-9.45 61/20				

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LOCATION : Kadawatha												
DATE	From	To	2007/07/18									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LAYER	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		TEST SAMPLE	REMARKS	
								BLOWS / CB	DEPTH (m)			
0												
10		10.15						10.15-10.45 88/20				
11							GREY, BLACKISH GREY, YELLOWISH GREY, WHITISH GREY, SLIGHTLY KEOLINIZED CLAYEY SILTY FINE TO MEDIUM SAND WITH TRACES OF MICA	11.45-11.45 75/20				
12					GREY	COMPLETELY WEATHERED ROCK	SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	12.45-12.45 55/10				
13								13.45-13.45 HB				
14												
15		14.85	5.4		YELLOW	BIOTITE GNEISS	YELLOW, PALE YELLOWISH GREY, BLACKISH GREY, MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED THINLY FOLIATED BIOTITE GNEISS	0%				
16												
17		16.85	2.00		YELLOW	BIOTITE GNEISS	YELLOW, PALE YELLOWISH GREY, BLACKISH GREY, MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED THINLY FOLIATED BIOTITE GNEISS	6%				
18												
19		18.35	1.50				END OF BORING					
20												

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BOREHOLE No: AD-49 Sheet No: 1 of 3												
COORDINATES: X= 111 892.584 Y= 195 315. 560		GROUND ELEVATION, EL (m) : 1.740m CHAINAGE :												
LOCATION : Kaddawatha		GROUND WATER LEVEL (m) : 0.00m												
DATE : 15/07/2007	To: 17/07/2007													
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BIOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	METHOD	DEPTH (GWL)	REMARKS
0														
1		1.30	1.30		GREY	CLAY	SOFT GREY - BROWN SLIGHTLY SILTY CLAY WITH PLANT ROOTS	1.15 - 1.45	4/20	4		S		
2		1.30	1.30		BLACK	PEATY CLAY	VERY SOFT BLACK, GREY SLIGHTLY SILTY PEATY CLAY	2.15 - 2.45	0/20	0		S		
3		2.70	1.40		YELLOWISH GREY	SANDY CLAY	SOFT YELLOWISH BROWN, REDDISH BROWN FINE TO MEDIUM SANDY CLAY	3.15 - 3.45	4/20	4		S		
4		4.00	1.30		YELLOWISH BROWN	SANDY CLAY	STIFF YELLOWISH BROWN, REDDISH BROWN FINE TO MEDIUM SANDY CLAY	4.15 - 4.45	12/20	12		W		
5		4.60	0.60		BLACK	PEATY CLAY	STIFF BLACK, GREYISH BROWN SLIGHTLY SILTY PEATY CLAY	5.15 - 5.45	13/20	13		S		
6								6.15 - 6.45	6/20	6		W		
7	6.80	2.20						7.15 - 7.45	14/20	14		S		
8								8.15 - 8.45	31/20	31		W		
9					GREY	COMPLETELY WEATHERED ROCK	SAME AS NEXT DESCRIPTION	9.15 - 9.45	39/20	39		S		
10												W		
												S		

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BOREHOLE No: AD-49 Sheet No: 2 of 3												
COORDINATES: X= 111 892.584 Y= 195 315. 560		GROUND ELEVATION, EL (m) : 1.740m CHAINAGE :												
LOCATION : Kaddawatha		GROUND WATER LEVEL (m) : 0.00m												
DATE : 15/07/2007	To: 17/07/2007													
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BIOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	METHOD	DEPTH (GWL)	REMARKS
0														
1								10.15 - 10.45	36/20	36		W		
11								11.15 - 11.45	32/20	32		S		
12								12.15 - 12.45	37/20	37		W		
13								13.15 - 13.45	43/20	43		S		
14								14.15 - 14.45	50/20	>50		W		
15					GREY	COMPLETELY WEATHERED ROCK	GREY, BLACKISH GREY SLIGHTLY CLAYEY SILTY SAND WITH TRACES OF MICA SHOWS RELICT STRUCTURES. COMPLETELY WEATHERED ROCK	15.15 - 15.45	57/10	>50		S		
16								16.15 - 16.45	57/20	>50		W		
17								17.15 - 17.45	50/10	>50		S		
18								18.15 - 18.45	51/10	>50		W		
19								19.15 - 19.45	50/10	>50		S		
20								19.00	13.10			W		
												C		

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No: AD-49 Sheet No: 3 of 3 COORDINATES: X= 111 892,584 Y= 195 315,560 GROUND ELEVATION, EL (m) : 1.740m CHAINAGE :									
LOCATION : Kadawatha										GROUND WATER LEVEL (m) : 0.00m									
DATE : From : 15/07/2007 To : 17/07/2007										14/07/2007									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST			TEST SAMPLE		REMARKS				
										CURVE OF BLOWS			DEPTH (GWD)	METHOD					
										0	10	20	30	40	50				
20					WHITISH GREY	FELDSPATHIC GNEISS	WHITISH GREY, BLACKISH GREY, PINK MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED HIGHLY ANGLAR SAND BEARING FELDSPATHIC GNEISS	4.23%	15.20%										
21					WHITISH GREY	FELDSPATHIC GNEISS	WHITISH GREY, BLACKISH GREY, PINK MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED GARNET AND MICHA BEARING FELDSPATHIC GNEISS	7.23%	9.67%										
22	21.40	1.50			WHITISH GREY	FELDSPATHIC GNEISS	WHITISH GREY, BLACKISH GREY, PINK MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED GARNET AND MICHA BEARING FELDSPATHIC GNEISS	7.23%	9.67%										
23	22.90	1.50					END OF BORING	C	r										
24																			
25																			
26																			
27																			
28																			
29																			
30																			

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No: AD-50 Sheet No: 1 of 2 COORDINATES: X= 111 783,799 Y= 194 190,209 GROUND ELEVATION, EL (m) : 1.431m CHAINAGE :									
LOCATION : Kadawatha										GROUND WATER LEVEL (m) : 0.00m									
DATE : From : 13/07/2007 To : 14/07/2007										14/07/2007									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST			TEST SAMPLE		REMARKS				
										CURVE OF BLOWS			DEPTH (GWD)	METHOD					
										0	10	20	30	40	50				
1	1.10	1.10			GREY	ORGANIC CLAY	GREY, GREYISH BROWN ORGANIC CLAY WITH ORGANIC MATTER	1.15-1.45	0/30								D		
2					BLACKISH BROWN	PEATY CLAY	VERY SOFT, BLACKISH BROWN, WHITISH GREY PEATY CLAY	2.15-2.45	0/30									S	
3					GREY	CLAY	SOFT GREY SLIGHTLY SILTY CLAY	3.15-3.45	0/30									W	
4	3.65	2.55			GREY	CLAY	SOFT GREY SLIGHTLY SILTY CLAY	4.15-4.45	0/30									S	
5	4.50	0.85			WHITISH GREY	SANDY CLAY	FIRM WHITISH GREY, DARK GREY FINE SANDY CLAY WITH ORGANIC MATTER	5.15-5.45	0/30									W	
6	6.00	1.50			GREY	SAND	DENSE GREY, BROWNISH GREY FINE TO MEDIUM ANGULAR TO SUB ANGULAR SAND WITH SOME ORGANIC MATTER	6.15-6.45	38/30									S	
7	7.05	1.05			GREY	COMPLETELY WEATHERED ROCK	GREY, BLACKISH GREY SLIGHTLY CLAYEY SILTY FINE TO MEDIUM SAND. SHOWS RELICT STRUCTURES. COMPLETELY WEATHERED ROCK.	7.15-7.45	34/30									W	
8					GREY	COMPLETELY WEATHERED ROCK	GREY, BLACKISH GREY SLIGHTLY CLAYEY SILTY FINE TO MEDIUM SAND. SHOWS RELICT STRUCTURES. COMPLETELY WEATHERED ROCK.	8.15-8.45	26/30									S	
9					GREY	COMPLETELY WEATHERED ROCK	GREY, BLACKISH GREY SLIGHTLY CLAYEY SILTY FINE TO MEDIUM SAND. SHOWS RELICT STRUCTURES. COMPLETELY WEATHERED ROCK.	9.15-9.45	30/30									W	
10																			

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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I			BORING LOG			BOREHOLE AD-50 No: Sheet No: 2 of 2 COORDINATES: X= 111 783.799 Y= 194 190.209			GROUND ELEVATION, EL (m): 1.431m CHAINAGE			
LOCATION : Kadawatha			DATE : From: 13/07/2007 To: 14/07/2007			GROUND WATER LEVEL (m) : 0.00m			TEST SAMPLE			
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	BAND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		METHOD	DEPTH (GWL)	REMARKS
								BLOWS / cm	CURVE OF BLOWS			
10								10.46		C		
								10.45	36	W		
								11.15		S		
								11.45	22	W		
								12.15		S		
								12.45	41	W		
							SAME AS PREVIOUS DESCRIPTIONS			S		
								13.15		S		
							COMPLETELY WEATHERED ROCK			W		
								13.45	>50	W		
								14.15		S		
							WHITISH GREY, BLACKISH GREY, PINK MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED GARNET BEARING BIOTITE GNEISS			W		
								14.45	>50	W		
								15.15		S		
								15.45	>50	W		
								16.15		S		
							WHITISH GREY, BLACKISH GREY, PINK MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED GARNET BEARING BIOTITE GNEISS			W		
								16.45	>50	W		
								16.80	95%	C		
			16.90	9.85					77%	C		
								17.30	63%	C		
								17.90	92%	C		
								18.30	100%	C		
								18.90	95%	C		
							END OF BORING	19.30	1.00	C		

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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I			BORING LOG			BOREHOLE AD-BH-51 No: Sheet No: 1 of 2 COORDINATES: X= 111 709.567 Y= 193 990.157			GROUND ELEVATION, EL (m): 3.048m CHAINAGE			
LOCATION : Kadawatha			DATE : From: 29/06/2007 To: 29/06/2007			GROUND WATER LEVEL (m) : 0.80m			TEST SAMPLE			
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	BAND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		METHOD	DEPTH (GWL)	REMARKS
								BLOWS / cm	CURVE OF BLOWS			
								1.45		D		
							FIRM BROWNISH YELLOW, PALE YELLOW, GREY SILTY CLAY			S		
								2.15		W		
								2.45	8	S		
								3.15		W		
								3.45	1	S		
							PEATY ORGANIC CLAY			W		
							VERY SOFT BLACKISH GREY GREY PEATY ORGANIC CLAY WITH WOODEN PARTICLES			S		
								4.15	2	W		
							PEAT CONTENT INCREASED WITH THE DEPTH			S		
								5.45		W		
								6.45	2	S		
							PEATY ORGANIC CLAY			W		
							VERY STIFF BLACKISH GREY VERY PEATY ORGANIC CLAY WITH WOODEN PARTICLES			S		
								7.45		W		
							WASHED SAMPLE: GREY, BLACKISH GREY, WHITISH SAND WITH TRACES OF MICACOMpletely weathered rock			S		
								7.45	21	W		
								8.00		C		
							GREY, BLACKISH GREY, WHITISH GREY MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED BIOTITE GNEISS			W		
								9.00	85%	C		
							BIOTITE GNEISS		20%	C		
								10.00	100%	C		
							SAME AS NEXT DESCRIPTION		90%	C		

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LOCATION : Kadawatha										STANDARD PENETRATION TEST										TEST SAMPLE									
DATE : From : 29/06/2007 To : 29/06/2007										CURVE OF BLOWS										DEPTH (GWD)									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST					TEST SAMPLE					REMARKS									
										CURVE OF BLOWS					METHOD					DEPTH (GWD)									
10	10.00	1.00	1.00	Wavy	GREY	BIOTITE GNEISS	GREY, BLACKISH GREY, WHITISH GREY MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED BIOTITE GNEISS ROCK	100% 84%							C														
11	11.00	1.00					END OF BORING																						
12																													
13																													
14																													
15																													
16																													
17																													
18																													
19																													
20																													

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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BORING LOG										BOREHOLE No: AD-52 Sheet No: 1 of 1 COORDINATES: X= 111 523.382 Y= 193 522.991 GROUND ELEVATION, EL (m): 3.876m CHAINAGE : GROUND WATER LEVEL (m): 2.40m									
LOCATION : Kadawatha										STANDARD PENETRATION TEST										TEST SAMPLE									
DATE : From : 22-06-2007 To : 22-06-2007										CURVE OF BLOWS										DEPTH (GWD)									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST					TEST SAMPLE					REMARKS									
										CURVE OF BLOWS					METHOD					DEPTH (GWD)									
1				X	YELLOW	SILTY CLAY	STIFF YELLOW, YELLOWISH BROWN, SILTY CLAY WITH PLANT ROOTS, SILT CONTENT INCREASED WITH THE DEPTH	1.45-1.46							D														
2	1.40	1.40		X	YELLOW	SILTY FINE SAND	MEDIUM DENSE YELLOW, YELLOWISH BROWN, SLIGHTLY CLAYEY SILTY FINE SAND. VERY LOW MICA % EVIDENT. COMPLETELY WEATHERED ROCK.	2.15-2.45							S														
3	2.80	1.40		X	GREY	BIOTITE GNEISS	REDDISH BROWN MEDIUM GRAINED STRONGLY DISCOLOURED HIGHLY FRACTURED FELDSPAR RICH BIOTITE GNEISS	60%	9%						W														
4	4.00	1.20		X	GREY	BIOTITE GNEISS	FELDSPAR RICH BIOTITE GNEISS	80%	20%						S														
5	5.00	1.00		X	GREY	BIOTITE GNEISS	DISCOLOURED HIGHLY FRACTURED ROCK SAMPLE								W					GWL AT 2.40m									
6	6.00	1.00		X	GREY	BIOTITE GNEISS	GREY, YELLOWISH GREY, PALE YELLOWISH BROWN STRONGLY DISCOLOURED HIGHLY FRACTURED FELDSPAR RICH BIOTITE GNEISS.	55%	58%																				
7				X			4.00-4.38 STRONGLY DISCOLOURED HIGHLY FRACTURED ROCK SAMPLE WITH RELATIVELY HIGH CONTENT OF FELDSPAR																						
8				X			GREY, WHITISH GREY, BLACKISH GREY MEDIUM GRAINED SLIGHTLY FRACTURED BIOTITE GNEISS																						
9				X			END OF BORING																						
10				X																									

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SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST			TEST SAMPLE	REMARKS					
										CURVE OF BLOWS									
0	1	2	3	4	5	6	7	8	9	10	0	10	20	30	40	50	METHOD	DEPTH (GWL)	
0																			
1				X		SILTY CLAY	VERY STIFF BROWN, DARK BROWN, YELLOWISH BROWN, SLIGHTLY FINE SANDY, SILTY CLAY WITH PLANT ROOTS. FINE SAND CONTENT INCREASES WITH THE DEPTH	1.45- 2.15	21										
2				X				2.15- 2.45	20										
3		2.75		X		COMPLETELY WEATHERED ROCK	RED, REDDISH BROWN, YELLOWISH BROWN, SLIGHTLY SILTY, LATERITIC CLAYEY GRAVEL WITH SOME FINE SAND.	3.15 3.45	9										
4							SHOWS RELICT STRUCTURES.	4.15	27										
5		4.60	1.85		YELLOW	FELDSPHATHIC GNEISS	YELLOW, YELLOWISH BROWN, WHITISH GREY MEDIUM GRAINED, STRONGLY DISCOLORED HIGHLY FRACTURED FELDSPHATHIC GNEISS	4.45 2730	0%										
6		5.60	1.00		GREY	GARNETIC BIOTITE GNEISS	GREY WHITISH GREY, BLACKISH GREY MEDIUM GRAINED DISCOLORED MODERATELY FRACTURED FELDSPAR RICH GARNETIC BIOTITE GNEISS.	5.60-5.72	36%										
7		6.25	0.65		GREY	BIOTITE GNEISS	GREY WHITISH GREY, BLACKISH GREY MEDIUM GRAINED DISCOLORED MODERATELY FRACTURED FELDSPAR RICH GARNETIC BIOTITE GNEISS.	100%											
8		7.60	1.35				STRONGLY DISCOLORED, HIGHLY FRACTURED ROCK SAMPLE	C											
9							GREY, WHITISH GREY BLACKISH GREY MEDIUM GRAINED FRESH GARNET BIOTITE GNEISS												
10							END OF BORING												

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION 1										BORING LOG BORHOLE No: AD-54 Sheet No: 1 of 2 COORDINATES: X= 111.455.033 Y= 193.466.607 GROUND ELEVATION, EL. (m) : 3.113m CHAINAGE : LOCATION : Kadawatha DATE : From : 27-05-2007 To: 28-05-2007 GROUND WATER LEVEL (m) : 3.50m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST			TEST SAMPLE	REMARKS					
										CURVE OF BLOWS									
0	1	2	3	4	5	6	7	8	9	10	0	10	20	30	40	50	METHOD	DEPTH (GWL)	
0																			
1					REDDISH BROWN	SAND WITH GRAVEL	REDDISH BROWN, BROWN SLIGHTLY CLAYEY FINE TO COARSE SAND WITH GRAVEL	1.45- 1.60	6										
2			1.35				SOFT BROWNISH GREY, BLACKISH GREY, SLIGHTLY FINE SANDY CLAYEY SILT. 3.00-5.45 SAMPLE CONSISTED WITH ORGANIC MATTER AND SOME ORGANIC CLAY.	2.15- 2.45	5										
3					BROWNISH GREY	CLAYEY SILT		3.15- 3.45	3										
4		3.15	1.80		GREY	CLAYEY SAND	GREY, BLACKISH GREY CLAYEY FINE TO COARSE SAND	3.45 3930	4										
5		4.10	0.95					4.15- 4.45	4										
6					GREY	SILTY ORGANIC CLAY	SOFT GREY, BLACKISH GREY SILTY ORGANIC CLAY. 5.00-5.45 SAMPLE CONSISTED WITH DARK BLUE MATERIAL.	5.15- 5.45	4										
7								6.15- 6.45	6										
8		7.00	2.90					7.15- 7.45	4										
9					BLACKISH GREY	ORGANIC CLAYEY PEAT	SOFT BLACKISH GREY, GREY, BROWNISH BLACK ORGANIC CLAYEY PEAT WITH PARTIALLY DECOMPOSED WOODEN FRAGMENTS.	8.15- 8.45	4										
10								9.15- 9.45	3										

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LOCATION : Kadavaththa										BOREHOLE No: AD-55 Sheet No: 1 of 2 COORDINATES: X=111 424.987 Y=193 394.600 GROUND ELEVATION, EL (m): 0.346m CHAINAGE :									
DATE : From : 27/05/2007 To : 28/05/2007										DATE : From : 16/07/2007 To : 17/07/2007									
GROUND WATER LEVEL (m) : 3.50m										GROUND WATER LEVEL (m) : 0.60m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / c	STANDARD PENETRATION TEST		TEST SAMPLE		REMARKS					
										CURVE OF BLOWS		METHOD							
										B									
10								10.45	420										
11					BLACKISH GREY	ORGANIC CLAYEY PEAT	SAME AS PREVIOUS DESCRIPTIONS	10.45	420										
12	11.80	4.80					BLACKISH GREY, YELLOWISH WHITE, BROWNISH RED SILTY SAND WITH ROCK FRAGMENTS, GARNET AND TRACES OF MICA SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK.	12.45	1320										
13					BLACKISH GREY	COMPLETELY WEATHERED ROCK		13.45	2520										
14																			
15	14.80	3.00			BLACKISH GREY	BIOTITE GNEISS	BLACKISH GREY, OFF WHITE WHITISH GREY MEDIUM GRAINED HIGHLY FRACTURED STRONGLY DISCOLOURED FELDSPAR AND GARNET RICH BIOTITE GNEISS ROCK	14.80	0%										
16																			
17	16.30	1.50			BLACKISH GREY	BIOTITE GNEISS	WHITE, WHITISH GREY MEDIUM GRAINED HIGHLY FRACTURED STRONGLY DISCOLOURED FELDSPAR AND GARNET RICH BIOTITE GNEISS ROCK	16.30	100%										
18	17.80	1.50					END OF BORING												
19																			
20																			

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No: AD-55 Sheet No: 1 of 2 COORDINATES: X=111 424.987 Y=193 394.600 GROUND ELEVATION, EL (m): 0.346m CHAINAGE :									
LOCATION : Kadavaththa										BOREHOLE No: AD-55 Sheet No: 1 of 2 COORDINATES: X=111 424.987 Y=193 394.600 GROUND ELEVATION, EL (m): 0.346m CHAINAGE :									
DATE : From : 16/07/2007 To : 17/07/2007										DATE : From : 16/07/2007 To : 17/07/2007									
GROUND WATER LEVEL (m) : 0.60m										GROUND WATER LEVEL (m) : 0.60m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / c	STANDARD PENETRATION TEST		TEST SAMPLE		REMARKS					
										CURVE OF BLOWS		METHOD							
										B									
0																			
1					GREY	SILTY CLAY	VERY SOFT GREY, BROWNISH GREY, PALE BROWN SILTY CLAY	1.45	1020										
2								2.45	1020										
3	2.60	2.60						3.45	220										
4								4.45	220										
5								5.45	320										
6					BLACKISH GREY	PRATY ORGANIC CLAY	SOFT BLACKISH GREY, GREY, BROWNISH BROWN BLUSH GREY PEAT WITH GARNET. PEAT CONTENT INCREASED WITH THE DEPTH	6.45	520										
7								7.45	520										
8								8.45	520										
9	8.70	6.10			BLACKISH GREY	COMPLETELY WEATHERED ROCK	BLACKISH GREY, GREY SILTY FINE TO COARSE ANGULAR TO SUB ANGULAR SAND WITH ANGULAR TO SUB ANGULAR QUARTZ GRAINS AND TRACES OF MICA COMPLETELY WEATHERED ROCK	8.45	020										
10																			

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BORING LOG		BOREHOLE No: AD-55 Sheet No: 2 of 2		COORDINATES: X=111 424.987 Y= 193 394.600		GROUND ELEVATION, EL. (m): 0.346m CHAINAGE		GROUND WATER LEVEL (m): 0.00m	
LOCATION : Kadawatha											
DATE : From : 16/07/2007 To: 17/07/2007		DEPTH (m)		SOIL NAME		DESCRIPTION		STANDARD PENETRATION TEST		TEST SAMPLE	
DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / CB	CURVE OF BLOWS	METHOD	DEPTH (GWL)	REMARKS
10			BLACKISH GREY	COMPLETELY WEATHERED ROCK	SAME AS PREVIOUS DESCRIPTIONS ROCK LEVEL	10.15	50/0		C		
11	1.8		GREY	BIOTITE GNEISS	GREY, WHITISH GREY, BLACKISH GREY MEDIUM GRAINED DISCOLOURED HIGHLY FRACTURED THINLY FOLIATED MICA AND QUARTZ BEARING BIOTITE GNEISS	10.45	30%		C		
12	1.0		GREY	BIOTITE GNEISS	GREY, WHITISH GREY, BLACKISH GREY MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED THINLY FOLIATED MICA AND QUARTZ BEARING BIOTITE GNEISS	11.45	72%		C		
13	1.0		BLACKISH GREY	BIOTITE GNEISS	BLACKISH GREY, WHITISH GREY, MEDIUM GRAINED DISCOLOURED MODERATELY FRACTURED THINLY FOLIATED MICA AND QUARTZ BEARING BIOTITE GNEISS	12.45	60%		C		
14	1.0				END OF BORING	13.30					

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BORING LOG		BOREHOLE No: AD-63 Sheet No: 1 of 2		COORDINATES: X= 111 173.287 Y= 197 312.408		GROUND ELEVATION, EL. (m): 10.167 CHAINAGE		GROUND WATER LEVEL (m): 2.80m	
LOCATION : Kadawatha											
DATE : From : 2007/07/26 To: 2007/07/26		DEPTH (m)		SOIL NAME		DESCRIPTION		STANDARD PENETRATION TEST		TEST SAMPLE	
DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / CB	CURVE OF BLOWS	METHOD	DEPTH (GWL)	REMARKS
1	1.10		BROWNISH GREY	SILTY SAND	BROWNISH GREY, BLACKISH BROWN SILTY FINE TO MEDIUM SAND WITH PLANT ROOTS	1.15	7/30		D		
2	2.00		YELLOWISH GREY	SILTY CLAY	FIRM YELLOWISH GREY, PALE YELLOW SILTY CLAY WITH SAND	1.45	5/30		S		
3	3.00		DARK BROWN	SILTY SAND	SOFT DARK BROWN, GREY, ORANGISH BROWN, SLIGHTLY CLAYEY SILTY FINE TO COARSE SAND WITH QUARTZ GRAINS	3.15	6/30		S		
4	5.00		ORANGISH BROWN	SILTY CLAY	FIRM ORANGISH BROWN, OFF WHITE, DARK BROWN SILTY CLAY WITH FINE TO MEDIUM SAND	3.45	7/30		S		
5	2.00					5.15	8/20		S		
6	3.00		PALE YELLOW	SILTY CLAY	FIRM PALE YELLOW, YELLOWISH BROWN SILTY CLAY WITH SAND, SAND CONTENT DECREASED WITH THE DEPTH	5.45	5/30		S		
7	3.00					6.45	10/20		S		
8	3.00					7.45	16/20		S		
9			PALE ORANGE	COMPLETELY WEATHERED ROCK	SAME AS NEXT DESCRIPTIONS	8.15	15/30		S		
10						9.15			S		

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BORING LOG											
GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I					BOREHOLE No: AD-63 Sheet No: 2 of 2 GROUND ELEVATION, EL (m): 10.167 CHAINAGE : 11+900 COORDINATES: X= 111 175.287 Y= 197 312.408						
LOCATION : Kadawatha											
DATE : From : 2007/07/26 To: 2007/07/26		GROUND WATER LEVEL (m) : 2.80m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		REMARKS	
								DEPTH (m)	BLOWS / cm		
10		10.15	12.30					10.15-12.30	12	W	
11		11.45	13.30					11.45-13.30	13	S	
12		12.15	17.30					12.15-17.30	7	W	
13		13.15	15.30					13.15-15.30	15	S	
14		14.15	14.30					14.15-14.30	14	W	
15		15.15	45.30					15.15-45.30	45	S	
16		16.15	>50.0					16.15->50.0	>50	W	
17		17.15	>50.0					17.15->50.0	>50	S	
18		17.25	>50.0					17.25->50.0	>50	W	
19	19.20	11.2					ROCK LEVEL				
20							END OF BORING				

BORING LOG											
GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I					BOREHOLE No: AD-64 Sheet No: 1 of 2 GROUND ELEVATION, EL (m): 11.157m CHAINAGE : 12+000 COORDINATES: X= 111 211.475 Y= 197 219.364						
LOCATION : Kadawatha											
DATE : From : 2007/07/23 To: 2007/07/24		GROUND WATER LEVEL (m) : 3.05m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		REMARKS	
								DEPTH (m)	BLOWS / cm		
1		1.05	1.05					1.05-27.30	27	D	
2		2.00	0.95					2.00-9.30	9	S	
3		3.15	3.45					3.15-8.30	8	W	
4		4.00	2.00					4.00-19.30	19	S	
5		4.80	0.80					4.80-33.30	33	W	
6		6.00	1.20					6.00-16.30	16	S	
7		7.00	1.00					7.00-27.30	27	W	
8		8.15	8.15					8.15-50.20	>50	S	
9		9.15	9.15					9.15->50.0	>50	W	
10											

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No: AD-64 Sheet No: 2 of 2 COORDINATES: X= 111 211.475 Y= 197 219.364 GROUND ELEVATION, EL (m) : 11.157m CHAINAGE : 12+000 GROUND WATER LEVEL (m) : 3.05m									
LOCATION : Kadawatha										BOREHOLE No: AD-65 Sheet No: 1 of 2 COORDINATES: X= 111 249.375 Y= 197 126.902 GROUND ELEVATION, EL (m) : 11.966 CHAINAGE : 12+100 GROUND WATER LEVEL (m) : 4.40m									
DATE	From	To	SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	METHOD	DEPTH (GWL)	REMARKS			
10										GREY, BLACKISH GREY, REDDISH PINK SILTY FINE TO MEDIUM SAND WITH TRACES OF MICA AND GARNET. COMPLETELY WEATHERED ROCK	10.15 10.45 >500			S					
11										ROCK LEVEL END OF BORING				W					
12					11.30	4.30													
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No: AD-65 Sheet No: 1 of 2 COORDINATES: X= 111 249.375 Y= 197 126.902 GROUND ELEVATION, EL (m) : 11.966 CHAINAGE : 12+100 GROUND WATER LEVEL (m) : 4.40m									
LOCATION : Kadawatha										BOREHOLE No: AD-65 Sheet No: 1 of 2 COORDINATES: X= 111 249.375 Y= 197 126.902 GROUND ELEVATION, EL (m) : 11.966 CHAINAGE : 12+100 GROUND WATER LEVEL (m) : 4.40m									
DATE	From	To	SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	METHOD	DEPTH (GWL)	REMARKS			
1					1.05	1.05		BROWN	TOP SOIL	BROWN, DARK BROWN, SILTY FINE SAND WITH PLANT ROOTS TOP SOIL	1.15- 1.45- 28/30			D					
2								PINKISH RED	CLAYEY SILT	VERY STIFF, PINKISH RED, PALE YELLOW, YELLOWISH RED, LATERITIC CLAYEY SILT WITH SAND AND LATERITE NODULES.	2.45- 2.45- 27/30			S					
3					3.00	1.95		PINKISH RED	SANDY SILT	HARD, PINKISH RED, REDDISH BROWN, SLIGHTLY CLAYEY FINE SANDY SILT	3.15- 3.45- >50/20			S					
4					4.00	1.00					4.15- 4.45- 26/30			W					
5										DARK BROWN, PALE YELLOW, YELLOWISH BROWN SILTY SAND WITH FINE GRAVEL AND TRACES OF MICA	5.15- 5.45- 22/30			S					
6								DARK BROWN	COMPLETELY WEATHERED ROCK	SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	6.15- 6.45- >50/30			W					
7											7.15- 7.45- >50/30			S					
8								OFF WHITE	COMPLETELY WEATHERED ROCK	OFF WHITE, PINKISH RED, WHISHERY SANDY SILT WITH GARNET AND MICA SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	8.15- 8.45- 33/30			W					
9					9.00	1.55					9.15- 9.45- >50/20			S					
10										SAME AS NEXT DESCRIPTION				W					

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GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BORING LOG AD-65 No: Sheet No: 2 of 2 COORDINATES: X= 111 249.375 Y= 197 126.902 GROUND ELEVATION, EL. (m): 11.966 CHAINAGE : 12+100 LOCATION : Kadawatha									
DATE : From : 2007/07/24 To: 2007/07/24										GROUND WATER LEVEL (m) : 0.00m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST		TEST SAMPLE		REMARKS					
										CURVE OF BLOWS	DEPTH (m)	METHOD	DEPTH (GWD)						
10	10.65	1.65			OFF WHITE	COMPLETELY WEATHERED ROCK	OFF WHITE, WHITISH GREY, PINKISH RED, SILTY FINE TO MEDIUM SAND FINE TO MEDIUM GRAINED QUARTZ COMPLETELY WEATHERED ROCK	10.15 10.45-10.70	60/30										
11							ROCK LEVEL BORERHOLE WAS TERMINATED AT THE DEPTH OF 10.65m												
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			

GEO TECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BORING LOG AD-66 No: Sheet No: 1 of 2 COORDINATES: X= 111 330.076 Y= 196 943.816 GROUND ELEVATION, EL. (m): 5.862 CHAINAGE : 12+300 LOCATION : Kadawatha									
DATE : From : 2007/07/23 To: 2007/07/23										GROUND WATER LEVEL (m) : 0.50m									
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	STANDARD PENETRATION TEST		TEST SAMPLE		REMARKS					
										CURVE OF BLOWS	DEPTH (m)	METHOD	DEPTH (GWD)						
0								0.15 0.45	130										
1	0.50	0.50			BROWN	CLAYEY SILT	VERY SOFT BROWN, BROWNISH GREY SLIGHTLY SANDY CLAYEY SILT WITH PLANT ROOTS.	0.15- 0.45	40/30										
2					GREY	SILTY CLAY	SOFT GREY, BROWNISH GREY, WHITISH GREY SLIGHTLY SANDY SILTY CLAY SAND CONTENT DECREASED WITH THE DEPTH	1.15- 1.45	40/30										
3								3.15- 3.45	2/30										
4								4.45- 4.45	1/30										
5								5.15- 5.45	1/30										
6					BLACKISH GREY	PEATY ORGANIC CLAY	VERY SOFT BLACKISH GREY, BLACK PEATY ORGANIC CLAY	6.15- 6.45	13/30										
7					GREY	SAND	MEDIUM DENSE GREY, WHITISH GREY FINE TO COARSE ANGULAR TO SUB ANGULAR SAND	7.15- 7.45	33/30										
8					PALE YELLOW	COMPLETELY WEATHERED ROCK	PALE YELLOW, ORENGISH YELLOW SLIGHTLY CLAYEY FINE TO COARSE SANDY SILT WITH MINOR QUANTITY OF TRACES OF MICA COMPLETELY WEATHERED ROCK	8.15 8.45	>50/70										
9					BLACKISH GREY	COMPLETELY WEATHERED ROCK	SAME AS NEXT DESCRIPTIONS	9.15 9.45	>50/20										
10																			



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LOCATION : Kadawatha													
DATE : From : 2007/07/23 To: 2007/07/23		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24			
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS		
10													
11							BLACKISH GREY, OFF WHITE PINKISH RED SLIGHTLY CLAYE SILTY FINE TO COARSE SAND WITH GARNET AND HIGHER CONTENT OF TRACES OF MICA	10.15 10.45	HB	>50		W	
12						COMPLETELY WEATHERED ROCK	BLACKISH GREY	11.45 11.45	HB	>50		S	
13						COMPLETELY WEATHERED ROCK	BLACKISH GREY	12.45 12.45	HB	>50		W	
14						ROCK LEVEL	BLACKISH GREY	13.45 13.45	HB	>50		S	
15						END OF BORING		14.45 14.45	HB	>50		W	
16													
17													
18													
19													
20													

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LOCATION : Kadawatha													
DATE : From : 2007/07/24 To: 2007/07/24		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24		To: 2007/07/24			
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS
DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	STANDARD PENETRATION TEST	TEST SAMPLE	REMARKS		
1							VERY SOFT BLACKISH GREY, SILTY ORGANIC CLAY WITH SOME SAND	1.45 1.45	1930	1		D	
2							SOFT BLACKISH GREY, GREY FINE TO COARSE SANDY ORGANIC CLAY	2.45 2.45	4930	4		S	
3							VERY SOFT OFF WHITE, WHITISH GREY KEOLINIZED CLAYEY SILT WITH SOME COARSE SAND	3.45 3.45	1930	1		W	
4							STIFF PALE YELLOW, YELLOW CLAYEY SILT WITH SOME SAND	4.45 4.45	1230	12		S	
5							5.00% 45 SAMPLE COLOUR CHANGED TO REDDISH PINK, PINKISH BROWN COLOUR	5.45 5.45	730	7		W	
6							PALE YELLOW, BLACKISH GREY, CLAYEY SILT WITH SOME SAND AND TRACES OF MICA SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	6.45 6.45	1130	11		S	
7							COMPLETELY WEATHERED ROCK	7.45 7.45	1030	10		W	
8							COMPLETELY WEATHERED ROCK	8.45 8.45	1330	13		S	
9							SAME AS NEXT DESCRIPTIONS	9.45 9.45	1730	7		W	
10													

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COORDINATES: X= 111 603.029 Y= 196 351.839		GROUND ELEVATION. EL (m): 2.796 CHAINAGE : 12+950									
LOCATION : Kadawatha		GROUND WATER LEVEL (m) : 0.00m									
DATE : From : 2007/07/24	To: 2007/07/24										
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		TEST SAMPLE	
								DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	METHOD
10		10.15					BLACKISH GREY, PALE YELLOW, GREY SLIGHTLY CLAYE FINE SANDY SILTY CLAY WITH FINE GRAINED SUBANGULAR SANDY SILTY CLAY WITH ORGANIC MATTER	10.15-10.45	23	W	
11		10.45				COMPLETELY WEATHERED ROCK	BLACKISH GREY, PALE YELLOW, GREY SLIGHTLY CLAYE FINE SANDY SILTY CLAY WITH FINE GRAINED SUBANGULAR SANDY SILTY CLAY WITH ORGANIC MATTER SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK	10.45-11.45	36	S	
12		11.45						11.45-12.15	50	W	
13		12.15	3.00					12.15-12.45	>50	S	
14		12.45						12.45-13.15	>50	W	
15		13.15						13.15-13.45	>50	S	
16		13.45						13.45-14.15	>50	W	
17		14.15						14.15-14.45	>50	S	
18		14.45						14.45-15.15	>50	W	
19		15.15						15.15-15.45	>50	S	
20		15.45					WASHED SAMPLE: GREY, BLACKISH GREY SILTY FINE TO MEDIUM SAND WITH TRACES OF MICA COMPLETELY WEATHERED ROCK	15.45-16.15	>50	W	
		16.15						16.15-16.45	>50	S	
		16.45						16.45-17.15	>50	W	
		17.15						17.15-17.45	>50	W	
		17.45						17.45-18.15	>50	W	
		18.15						18.15-18.45	>50	W	
		18.45						18.45-19.15	>50	W	
		19.15						19.15-19.45	>50	W	
		19.45						19.45-20.15	>50	W	
		20.15					END OF BORING				

GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I		BOREHOLE No.: AD-68 Sheet No : 1 of 1									
COORDINATES: X= 111 909.720 Y= 195 047.120		GROUND ELEVATION. EL (m): 3.415 CHAINAGE : 15+100									
LOCATION : Kadawatha		GROUND WATER LEVEL (m) : 1.35m									
DATE : From : 27/05/2007	To: 28/05/2007										
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		TEST SAMPLE	
								DEPTH (m)	BLOWS / cm	CURVE OF BLOWS	METHOD
0											
1							SOFT GREY, YELLOWISH BROWN SLIGHTLY FINE GRAINED ANGULAR TO SUBANGULAR SANDY SILTY CLAY WITH ORGANIC MATTER	1.15-1.45	5	D	
2								1.45-1.75	16	S	
3								1.75-2.15	17	W	
4								2.15-2.45	16	S	
5								2.45-2.85	17	W	
6								2.85-3.15	17	S	
7								3.15-3.45	17	W	
8								3.45-3.75	17	S	
9								3.75-4.05	17	W	
10								4.05-4.45	23	S	
								4.45-4.85	23	W	

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No. : AD-69 Sheet No : 1 of 3 COORDINATES: X=111 804.010 Y=194 256.795 GROUND ELEVATION, EL (m) : 1.593 CHAINAGE : 15+100									
LOCATION : Kadawatha										STANDARD PENETRATION TEST									
DATE : From : 2007/1/8 To : 2007/4/8		SOIL NAME		COLOUR		LEGEND		DEPTH (m)		THICKNESS (m)		DESCRIPTION		CURVE OF BLOWS		TEST SAMPLE		REMARKS	
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)											BLOWS/cm		DEPTH (m)			
0	1.05	1.05	1.05	X X X X X X		BROWN		SILTY ORGANIC CLAY		VERY SOFT BROWN, LIGHT BROWN, PALE YELLOWISH BROWN, SILTY ORGANIC CLAY WITH SOME SAND				1.45 0.30					
1				X X X X X X		BLACK		PEAT		VERY SOFT, BLACK, DARK GRAY SLIGHTLY CLAYEY PEAT.				1.45 0.30					
2				X X X X X X		BLACK		PEAT		VERY SOFT, BLACK, DARK GRAY SLIGHTLY CLAYEY PEAT.				2.15 1.30					
3				X X X X X X		BLACK		PEAT		VERY SOFT, BLACK, DARK GRAY SLIGHTLY CLAYEY PEAT.				3.45 0.30					
4	3.95	2.90	2.90	X X X X X X		GREY		SILTY SAND		LOOSE, GRAY, BROWNISH GRAY, LIGHT BROWN, SLIGHTLY CLAYEY SILTY FINE TO MEDIUM SAND				4.45 0.30					
5				X X X X X X		GREY		SILTY SAND		LOOSE, GRAY, BROWNISH GRAY, LIGHT BROWN, SLIGHTLY CLAYEY SILTY FINE TO MEDIUM SAND				5.45 0.30					
6	5.60	1.65	1.65	X X X X X X		WHITE		COMPLETELY WEATHERED ROCK		WHITE, WHITISH GRAY, PALE YELLOWISH WHITE, SLIGHTLY CLAYEY, SILTY MEDIUM TO COARSE SAND WITH ANGULAR TO SUB ANGULAR QUARTZ GRAINS KEOLINIZED CLAY EVIDENT IN THE SAMPLE SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK				6.45 1.120					
7	6.45	0.85	0.85	X X X X X X				COMPLETELY WEATHERED ROCK		WHITE, WHITISH GRAY, PALE YELLOWISH WHITE, SLIGHTLY CLAYEY, SILTY MEDIUM TO COARSE SAND WITH ANGULAR TO SUB ANGULAR QUARTZ GRAINS KEOLINIZED CLAY EVIDENT IN THE SAMPLE SHOWS RELICT STRUCTURES COMPLETELY WEATHERED ROCK				7.45 1.930					
8				X X X X X X		RED		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTIONS				8.15 2.630					
9				X X X X X X		RED		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTIONS				9.15 3.630					
10				X X X X X X		RED		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTIONS				10.15 3.630					

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GEOTECHNICAL SURVEY FOR DETAILED DESIGN STUDY FOR OUTER CIRCULAR HIGHWAY TO THE CITY OF COLOMBO NORTHERN SECTION I										BOREHOLE No. : AD-69 Sheet No : 2 of 3 COORDINATES: X=111 804.010 Y=194 256.795 GROUND ELEVATION, EL (m) : 1.593 CHAINAGE : 15+100									
LOCATION : Kadawatha										STANDARD PENETRATION TEST									
DATE : From : 2007/1/8 To : 2007/4/8		SOIL NAME		COLOUR		LEGEND		DEPTH (m)		THICKNESS (m)		DESCRIPTION		CURVE OF BLOWS		TEST SAMPLE		REMARKS	
SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)											BLOWS/cm		DEPTH (m)			
0	10.15	10.15	10.15	X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				10.45 33.90					
1				X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				11.15 30.70					
2				X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				12.15 31.30					
3				X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				13.15 37.30					
4	13.50	7.05	7.05	X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				14.15 30.30					
5				X X X X X X		RED		COMPLETELY WEATHERED ROCK		REDDISH BROWN, PINKISH BROWN, WHITISH GRAY, SLIGHTLY LATERITIC CLAYEY WITH TRACES OF MICA COMPLETELY WEATHERED ROCK				15.15 37.30					
6				X X X X X X		YELLOW		COMPLETELY WEATHERED ROCK		WHITISH YELLOW, YELLOWISH BROWN, SLIGHTLY CLAYEY COARSE SAND WITH ANGULAR TO SUB ANGULAR QUARTZ GRAINS WITH TRACES OF MICA KEOLINIZED CLAY EVIDENT IN THE SAMPLE COMPLETELY WEATHERED ROCK				16.15 50.30					
7				X X X X X X		BROWN		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTION				17.15 50.30					
8				X X X X X X		BROWN		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTION				18.15 50.30					
9				X X X X X X		BROWN		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTION				19.15 50.30					
10				X X X X X X		BROWN		COMPLETELY WEATHERED ROCK		SAME AS NEXT DESCRIPTION				20.15 50.30					

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GEOTECHNICAL SURVEY FOR
DETAILED DESIGN STUDY FOR
OUTER CIRCULAR HIGHWAY TO
THE CITY OF COLOMBO
NORTHERN SECTION I

BORING LOG

BOREHOLE No: AD-69

Sheet No: 3 of 3

COORDINATES:
X=111 804.010
Y=194 256.795

GROUND ELEVATION EL (m): 1.593
CHAINAGE : 15+100

GROUND WATER LEVEL (m): 0.60m

LOCATION : Kadawatha

DATE : From : 2007/1/8 To : 2007/4/8

SCALE (m)	ELEVATION (m)	DEPTH (m)	THICKNESS (m)	LEGEND	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST		TEST SAMPLE		REMARKS
								BLOWS / cm	CURVE OF BLOWS	DEPTH (GWL)	METHOD	
20								20.15			S	
							BROWN, LIGHT BROWN, YELLOWISH BROWN, REDDISH BROWN, SLIGHTLY CLAYEY SILTY FINE SAND WITH SIGNIFICANT AMOUNT OF TRACINGS OF MICA COMPLETELY WEATHERED ROCK	20.45 - 50.30		50	W	
21					BROWN	COMPLETELY WEATHERED ROCK		21.15			S	
								21.45 - 50.30		50	W	
22								22.15			S	
								22.45 - 50.30		50	W	
23							ROCK LEVEL	23.15			S	
							BOREHOLE WAS TERMINATED AT THE PARENT ROCK AT THE DEPTH OF 23.30m	23.45 - 50.30		50	W	
24	23.30	5.9										
25												
26												
27												
28												
29												
30												



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GEO TECHNICAL SURVEY – AUGER HOLE INVESTIGATION

Auger hole No	Distance km
A1	
AB-01	0+260
AB-02	0+450
AB-04	0+100
AB-05	1+010
AB-07	0+620
NS1	
AB-01	8+200
AB-02	8+300
AB-04	8+500
AB-08	9+106
AB-09	9+340
AB-10	9+520
AB-12	9+850
AB-13	10+020
AB-16	10+745
AB-17	10+880
AB-18	11+258
AB-19	11+400
AB-20	11+530
AB-21	11+700
AB-22	11+800
AB-24	11+950
AB-25	12+160
AB-27	50+100
AB-28	12+650
AB-29	12+725
AB-30	12+800
AB-31	12+800
AB-33	13+050
AB-35	13+250
AB-37	13+450
AB-39	13+650
AB-41	13+850
AB-43	14+050
AB-44	14+160
AB-46	14+250
AB-47	14+250
AB-49	14+410
AB-50	14+655
AB-51	14+765
AB-52	14+843
AB-56	15+450
AB-58	15+550
AB-59	15+600
AB-60	15+600
AB-62	16+455



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Test Menthor	Hand Auger Boring		sheet No 1 of 1	
Project	The Outer Circular Highway To The City of Colombo			
Station	STA 0+450.C/L			
Auger Hole No	A1-AB-02			
Depth	5.50m			
Date	2007/10/1			
Elevation (m):	9.124			
Coordinates:	X=110028.18646 Y=200271.75219			
Ground water level(m)	1.00			

Legend	Depth (m)	Description of Strata	Soil Type	Legend	Depth (m)	Description of Strata	Soil Type
	0.50	DARK GREY SLIGHTLY CLAYEY SILT WITH FINE SAND	CLAYEY SILT				
	2.90	LIGHT GREY OFF WHITE KEOLINIZED CLAYEY FINE SAND WITH SILT	CLAYEY SAND				
	5.50	OFF WHITE WHITE FINE SANDY KEOLINIZED CLAY WITH SOME FINE GRAVEL	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 5.50m					

Remarks: Auger hole was terminated Due to collapse of wall.
 Logged by: P.G.P.Rangana
 Supervised by: Subeepa


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Test Menthor	Hand Auger Boring		sheet No 1 of 1	
Project	The Outer Circular Highway To The City of Colombo			
Station	STA 0+260. C/L			
Auger Hole No	A1 - AB-01			
Depth	4.00m			
Date	2006/10/12			
Elevation (m):	11.578			
Coordinates:	X=109846.275 Y=200320.427			
Ground Water Level (m)	1.00			

Legend	Depth (m)	Description of Strata	Soil Type	Legend	Depth (m)	Description of Strata	Soil Type
	1.50	GREY LIGHT GREY FINE SANDY CLAY WITH QUARTZ GRAINS	SANDY CLAY				
	3.40	WHITISH GREY SLIGHTLY SILTY KEOLINIZED CLAYEY FINE SAND	CLAYEY SAND				
		WHITE OFF WHITE KEOLINIZED CLAY WITH SOME CONTENT OF TRACES OF MICA	KEOLINIZED CLAY				
		PINK REDDISH BROWN FINE SANDY CLAY	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger hole was terminated Due to collapse of wall.
 Logged by: P.G.P.Rangana
 Supervised by: Subeepa

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Test Methord	Project	Station	Auger Hole No	Depth	Date	
Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.70	WHITISH OFF WHITE GREY FINE SANDY PLASTIC CLAY WITH KEOLINIZED CLAY	SANDY CLAY	1			
1.90	BLACK DARK BROWN FINE SANDY ORGANIC CLAY WITH DECOMPOSED ORGANIC MATTER SUCH AS TIMBER FRAGMENTS AND PLANT ROOTS	SANDY CLAY	2			
	WHITISH GREY OFF WHITE FINE SANDY KEOLINIZED CLAY WITH SILTY PLASTIC CLAY	SANDY CLAY	3			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m		4			
			5			
			6			
			7			
			8			
			9			
			10			
Remarks : Auger Hole was terminated Due to collapse of wall						
Logged by : P.G.P.Rangana Supervised by : Sudhepa						

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Test Methord	Project	Station	Auger Hole No	Depth	Date	
Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
2.60	WHITISH GREY-GREY KEOLINIZED CLAYEY SILT WITH SOME FINE SAND	CLAYEY SILT	2			
3.40	BLACK DARK BROWN FINE SANDY ORGANIC CLAY WITH HIGH CONSISTACY OF ORGANIC MATTER	SANDY CLAY	3			
4.00	LIGHT GREY FINE SANDY PLASTIC CLAY	SANDY CLAY	4			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m		5			
			6			
			7			
			8			
			9			
			10			
Remarks : Auger Hole was terminated Due to collapse of wall						
Logged by : P.G.P.Rangana Supervised by : Sudhepa						



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Test Member	Hand Auger Boring	sheet No of I
Project	The Outer Circular Highway To The City of Colombo	10/300
Station	STA 0+620, CL	
Auger Hole No	A-1-AB-07	
Depth	2.00m	
Date	09/01/2007	
	Elevation (m):	
	Coordinates:	X=110799.716 Y=201032.929
	Ground Water Level (m)	2.50

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.40		DARK GREY FINE SANDY CLAY WITH KEOLINIZED CLAY	SANDY CLAY				
2.00		DARK GREY CLAYEY FINE SAND WITH SOME CONTENT OF SILT	CLAYEY SAND				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.00m					

Remarks:	Auger Hole was terminated Due to collapse of wall	Logged by	P.G.P.Rangana
		Supervis by	Sudepa



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Test Method	Hand Auger Boring	sheet No To/From	9.332
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)	
Station	STA 8+200, CL	Coordinates:	
Auger Hole No	NS1-AB-01	X=110 095.688	
Depth	3.50m	Y=200 726.680	
Date	2007/8/1	Ground water level (m)	1.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.40		BROWN FINE SANDY CLAY WITH ORGANIC MATTER	SANDY CLAY				
1.80		WHITISH GREY, LIGHT GREY FINE SANDY CLAY	SANDY CLAY				
		WHITISH GREY HIGHLY FINE SANDY CLAY	SANDY CLAY				
		GREY FINE SANDY CLAY WITH FINE GRAVEL	SANDY CLAY				
3.50		GREY, LIGHT GREY SILT WITH FINE SAND AND SMALL CONTENT OF MICA	SILTY SAND				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.50m					

Remarks: Auger Hole was terminated due to collapse of wall
 Logged by P.G.P Rangana
 Supervised by Subeepa




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Test Method	Hand Auger Boring	sheet No To/From	8.803
Project	The Outer Circular Highway To The City of Colombo	Elevation	
Station	STA 8+300, CL	Coordinates:	
Auger Hole No	NS1-AB-02	X=110 129.982	
Depth	4.00m	Y=200 632.653	
Date	08/01/2007	Ground Water Level (m)	2.50


Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.60		GREY, LIGHT GREY CLAYEY FINE TO MEDIUM SAND	CLAYEY SAND				
		LIGHT GREY, GREY FINE SANDY CLAY WITH SOME CONTENT OF FINE GRAVEL	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					


Remarks: Auger Hole was terminated due to collapse of wall
 Logged by P.G.P Rangana
 Supervised by Subeepa


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Test Method Hand Auger Boring		Elevation The Outer Circular Highway To The City of Colombo	
Project STA 8+500, CL		Coordinates: X=110 171.394 Y=200 437.209	
Station NS1-AB-04		Auger Hole No NS1-AB-04	
Depth 3.50m		Ground Water Level (m) Not Encountered	
Date 08/01/2007		Soil Type 0.00	
Depth (m)	Legend	Description of Strata	Soil Type
0.70		DARK GREY SLIGHTLY SILTY FINE TO MEDIUM SANDY CLAY WITH SOME GRAVEL	SANDY CLAY
1			
3		WHITISH GREY LIGHT GREY FINE TO MEDIUM SANDY PLASTIC CLAY WITH SOME AMOUNT OF KEOLINIZED CLAY	SANDY CLAY
3.50		AUGARHOLE WAS TERMINATED AT THE DEPTH OF 3.50m	
4			
5			
6			
7			
8			
9			
10			
Remarks: Auger Hole was terminated Due to collapse of wall		Logged by P.G.P Ranganathan Supervised by Sudepa	


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Test Method Hand Auger Boring		Elevation The Outer Circular Highway To The City of Colombo	
Project STA 9+106 CL		Coordinates: X=110 277.314 Y=199 840.514	
Station NS1-AB-08		Auger Hole No NS1-AB-08	
Depth 3.00m		Ground Water Level (m) Not Encountered	
Date 10/01/2007		Soil Type 0.00	
Depth (m)	Legend	Description of Strata	Soil Type
0.60		YELLOW YELLOWISH BROWN SANDY LATERITIC CLAY WITH ORGANIC MATTER	SANDY CLAY
1			
2		RED, REDDISH BROWN, DARK BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	SANDY CLAY
3.00		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m	
4			
5			
6			
7			
8			
9			
10			
Remarks: Auger Hole was terminated Due to collapse of wall		Logged by P.G.P Ranganathan Supervised by Sudepa	


 Engineering & Laboratory services (pvt.) Ltd. No. 62/3, Neehamahara Rd., Katuwawala, Boralesgamuwa, Tel: 0094-11-4309494 Fax: 0094-011-2509806 e-mail: elb@elbanka.com		Hand Auger Boring The Outer Circular Highway To The City of Colombo STA 9+340, CL NS1-AB-09 5.00m 07/01/2007		sheet No 1 of 1 9.870 Elevation (m): Coordinates: X=110 300.834 Y=199 711.423 Ground Water Level (m) 1.20	
Test Method	Project	Station	Auger Hole No	Date	
Hand Auger Boring	The Outer Circular Highway To The City of Colombo	STA 9+340, CL	NS1-AB-09	07/01/2007	
Legend	Depth (m)	Description of Strata	Soil Type	Legend	Description of Strata
	1	BROWN LIGHT GREY SLIGHTLY SILTY FINE SANDY CLAY WITH PLANT FRAGMENTS	SANDY CLAY		
	2				
	2.40				
	3				
	4	GREY SLIGHTLY SILTY CLAY WITH FINE SAND AND SOME GRAVEL	SANDY CLAY		
	4.50				
	5	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 5.00m			
	6				
	7				
	8				
	9				
	10				
Remarks:					Auger hole was terminated Due to collapse of wall
Logged by					P.G.P. Ranigana
Supervised by					Sudhepa

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Test Method	Project	Station	Auger Hole No	Date	
Hand Auger Boring	The Outer Circular Highway To The City of Colombo	STA 9+520 CL	NS1-AB-10	07/01/2007	
Legend	Depth (m)	Description of Strata	Soil Type	Legend	Description of Strata
	0.40	YELLOW, YELLOWISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	SANDY CLAY		
	1				
	2	RED-REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	SANDY CLAY		
	2.60				
	3	WHITISH GREY, PINK FINE SANDY KEOLINIZED CLAY WITH SOME CONTENT OF LATERITIC NODULE	SANDY CLAY		
	4				
	5	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m			
	6				
	7				
	8				
	9				
	10				
Remarks:					Auger hole was terminated Due to collapse of wall
Logged by					P.G.P. Ranigana
Supervised by					Sudhepa

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Test Method Hand Auger Boring		Elevation STA 9+850.00	
Project The Outer Circular Highway To The City of Colombo		Coordinates: X=110420.820 Y=199216.068	
Station STA 9+850.00		Ground Water Level (m) 0.00	
Auger Hole No NS1-AB-12		Date 06/01/2007	
Depth 5.00m		Legend	
Date 06/01/2007		Legend	
Depth (m)	Description of Strata	Soil Type	Description of Strata
0.00			
1			
2			
3	GREY, LIGHT GREY FINE TO MEDIUM SANDY CLAY WITH ORGANIC CLAY	SANDY CLAY	
4	LIGHT GREY SILTY KEOLINIZED CLAY WITH SMALL AMOUNT OF MICA	SILTY CLAY	
5	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 5.00m		
6			
7			
8			
9			
10			
Remarks: Auger Hole was terminated Due to collapse of wall			
Logged by P.G.P.Pingana		Supervised by Sudhepa	

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Test Method Hand Auger Boring		Elevation STA 10+020.00	
Project The Outer Circular Highway To The City of Colombo		Coordinates: X=110473.535 Y=119060.487	
Station STA 10+020.00		Ground Water Level (m) Not Encountered	
Auger Hole No NS1-AB-13		Date 06/01/2007	
Depth 5.00m		Legend	
Date 06/01/2007		Legend	
Depth (m)	Description of Strata	Soil Type	Description of Strata
0.00			
1			
2			
3			
4	RED, LIGHT BROWN FINE SANDY LATERITIC CLAY WITH LATERITIC NODULES	SANDY CLAY	
5	REDDISH BROWN SANDY LATERITIC CLAY	SANDY CLAY	
6	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 5.00m		
7			
8			
9			
10			
Remarks: Auger Hole was terminated Due to collapse of wall			
Logged by P.G.P.Pingana		Supervised by Sudhepa	

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Test Methord Hand Auger Boring				Project The Outer Circular Highway To The City of Colombo				Elevation (m): 9.882							
Station STA 10+745; CL				Coordinates: X=110 740.606 Y=198 381.094				Soil Type							
Auger Hole No NS1-AB-16				Description of Strata				Description of Strata							
Depth 4.00m				Legend				Legend							
Date 2006/10/12				Depth (m)				Depth (m)							
Soil Type				Soil Type				Soil Type							
BROWN-DARK BROWN SLIGHTLY SILTY FINE TO MEDIUM SANDY ORGANIC CLAY WITH PEAT TOP SOIL				BROWN-DARK BROWN - SILTY CLAY WITH FINE SAND				BROWN-LIGHT BROWN SLIGHTLY CLAYEY MEDIUM TO COARSE SAND WITH SOME ANGULAR TO SUB ANGULAR QUARTZ GRAINS				BROWN-LIGHT BROWN SLIGHTLY SILTY FINE SANDY CLAY			
AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m				AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m				AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m							
Remarks: Auger Hole was terminated Due to collapse of wall				Logged by P.G.P.Rangana				Supervised by Sudatpa							

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Test Methord Hand Auger Boring				Project The Outer Circular Highway To The City of Colombo				Elevation (m): 13.827			
Station STA 10+880; CL				Coordinates: X=110 800.162 Y=198 260.133				Soil Type			
Auger Hole No NS1-AB-17				Description of Strata				Description of Strata			
Depth 4.50m				Legend				Legend			
Date 2006/10/12				Depth (m)				Depth (m)			
Soil Type				Soil Type				Soil Type			
GREY, GREENISH GRAY SLIGHTLY SILTY CLAYEY FINE TO MEDIUM SAND SILT CONTENT INCREASES WITH DEPTH				YELLOWISH BROWN, REDDISH BROWN DARK GRAY SLIGHTLY CLAYEY SAND WITH COARSE GRAVEL				RED, REDDISH BROWN LIGHTLY SILTY MEDIUM TO COARSE SANDY LATERITIC CLAY WITH COARSE GRAVEL			
AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m				AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m				AUGERHOLE WAS TERMINATED AT THE DEPTH OF 4.50m			
Remarks: Auger Hole was terminated Due to collapse of wall				Logged by P.G.P.Rangana				Supervised by Sudatpa			



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Test Menthor	Hand Auger Boring	sheet No 1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation (m) 31.070
Station	STA 11+258, CL	Coordinates: X=110,956,101
Auger Hole No	NS1-AB-18	Y=197,915,739
Depth	4.00m	
Date	2006/10/12	Ground Water Level (m) 1.00

Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
	BROWN, REDDISH BROWN SILTY LATERITIC CLAY WITH SOME LATERITE NODULES	LATERITIC CLAY	1-3.50			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.50m		3.50			

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by: P.G.P Raigama
Supervis by: Sudepa



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Test Menthor	Hand Auger Boring	sheet No 1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation (m): 23.834
Station	STA 11+400, CL	Coordinates: X=111,008,509
Auger Hole No	NS1-AB-19	Y=197,783,807
Depth	4.00m	
Date	2006/10/12	Ground Water Level (m) 1.00

Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
	YELLOW, YELLOWISH BROWN, SLIGHTLY SILTY CLAYEY SAND WITH GRAVEL	SILTY CLAY	1-1.30			
	REDDISH BROWN, SLIGHTLY SILTY CLAYEY SAND WITH COARSE GRAVEL	SILTY CLAY	1.30-3.00			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m		3.00			

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by: P.G.P Raigama
Supervis by: Sudepa

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Test Method	Project	Station	Auger Hole No	Depth	Date
Hand Auger Boring	The Outer Circular Highway To The City of Colombo	STA 11+530, CL	NS1-AB-20	4.00m	2006/10/12
Project	Station	Auger Hole No	Depth	Date	Ground Water Level (m)
The Outer Circular Highway To The City of Colombo	STA 11+530, CL	NS1-AB-20	4.00m	2006/10/12	1.00
Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata
	BROWN, LIGHT BROWN, SLIGHTLY SILTY FINE TO COARSE SAND WITH MEDIUM GRAVEL AND PLANT ROOTS	SILTY SAND	1.05		
	YELLOWISH BROWN, REDDISH BROWN SLIGHTLY LATERITIC CLAYEY FINE TO COARSE GRAVELLY SAND	LATERITIC CLAY	3.05		
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.05m				
Remarks :	Auger Hole was terminated Due to collapse of wall				
	Logged by		P.C.P. Ranganana		
	Supervise by		Suleepu		

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Test Method	Project	Station	Auger Hole No	Depth	Date
Hand Auger Boring	The Outer Circular Highway To The City of Colombo	STA 11+700, CL	NS1-AB-21	4.00m	2006/10/12
Project	Station	Auger Hole No	Depth	Date	Ground Water Level (m)
The Outer Circular Highway To The City of Colombo	STA 11+700, CL	NS1-AB-21	4.00m	2006/10/12	1.00
Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata
	BROWN, DARK BROWN, SILTY FINE SANDY CLAY WITH PLANT ROOTS	SANDY CLAY	0.50		
	BROWN, LIGHT BROWN, SLIGHTLY CLAYEY FINE TO MEDIUM SAND	CLAYEY SAND	1.70		
	BROWN, DARK BROWN, SLIGHTLY SILTY FINE SANDY CLAY	SANDY CLAY			
	DARK GRAY, WHITISH GRAY SILTY KEOLINIZED CLAY WITH FINE TO COARSE SAND	KEOLINIZED CLAY			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m				
Remarks :	Auger Hole was terminated Due to collapse of wall				
	Logged by		P.C.P. Ranganana		
	Supervise by		Suleepu		



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Test Methord	Hand Auger Boring	sheet No of I
Project	The Outer Circular Highway To The City of Colombo	10.027
Station	STA 11+800, CL	
Auger Hole No	NS1-AB-22	
Depth	4.00m	
Date	2006/10/12	
		Ground Water Level (m)
		X=111 140.896
		Y=197 406.896
		1.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1							
2							
3							
3.50		GRAY, GREENISH GRAY WHITISH GRAY, SLIGHTLY FINE SANDY CLAY WITH QUARTZ GRAVELS	SANDY CLAY				
4							
5							
6							
7							
8							
9							
10							
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.50m					

Remarks: Auger Hole was terminated Due to collapse of wall.

Logged by P.G.P. Rangana
Supervis by Sudeepa



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Test Methord	Hand Auger Boring	sheet No of I
Project	The Outer Circular Highway To The City of Colombo	8.112
Station	STA 11+950, CL	
Auger Hole No	NS1-AB-24	
Depth	4.00m	
Date	2006/10/12	
		Ground Water Level (m)
		X=111 221.121
		Y=197 276.688
		0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1							
1.00							
1.05		BROWN, LIGHT BROWN SLIGHTLY CLAYEY FINE TO MEDIUM SAND WITH PLANT ROOTS	SLIGHTLY CLAY				
2							
3		GREY, DARK GRAY MEDIUM SANDY CLAY	SANDY CLAY				
4		REDDISH BROWN SLIGHTLY SILTY FINE TO COARSE SANDY LATERITIC CLAY WITH SOME COARSE GRAVEL	LATERITIC CLAY				
3.00		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m					
5							
6							
7							
8							
9							
10							

Remarks: Auger Hole was terminated Due to collapse of wall.

Logged by P.G.P. Rangana
Supervis by Sudeepa

Test Method		Hand Auger Boring		Elevation (m)		sheet No 1 of 1	
Project		The Outer Circular Highway To The City of Colombo		Coordinates:		15.845	
Station		STA 12+160, CL		X=111,272.855			
Auger Hole No		NS1-AB-25		Y=197,071.588			
Depth		4.00m		Ground Water Level (m):		Not Encountered	
Date		2006/10/12					
Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.50		YELLOWISH BROWN COARSE SANDY CLAY WITH COARSE GRAVEL AND LATERITE NODULES	SANDY CLAY				
1		REDDISH BROWN, YELLOWISH BROWN SANDY LATERITIC CLAY	LATERITIC CLAY				
2		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.00m					
3							
4							
5							
6							
7							
8							
9							
10							
Remarks: Auger Hole was terminated Due to collapse of wall							
				Logged by		P.G.P.Rangana	
				Supervised by		Sudeepa	

Test Method		Hand Auger Boring		Elevation (m)		sheet No 1 of 1	
Project		The Outer Circular Highway To The City of Colombo		Coordinates:		17.530	
Station		STA 50+100, CL		X=111,424.849			
Auger Hole No		NS1-AB-27		Y=196,752.789			
Depth		4.00m		Ground Water Level (m)		Not Encountered	
Date		2006/10/12					
Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.5		REDDISH BROWN, SLIGHTLY LATERITIC CLAY FINE SAND WITH SOME GRAVEL	CLAYEY SAND				
1.00		BROWN DARK BROWN SILTY FINE SAND WITH MEDIUM TO COARSE GRAVEL	SILTY SAND				
2.05		REDDISH BROWN CLAYEY SAND WITH GRAVEL	CLAYEY SAND				
4		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.05m					
5							
6							
7							
8							
9							
10							
Remarks: Auger Hole was terminated Due to collapse of wall							
				Logged by		P.G.P.Rangana	
				Supervised by		Sudeepa	



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Test Method	Hand Auger Boring	sheet No of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation
Station	STA 12+725. CL	Coordinates:
Auger Hole No	NS1-AB-28	X=111 483.536
Depth	4.00m	Y=196 630.093
Date	2006/10/12	Ground Water Level (m)
		4.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.90		GREY BLACKISH GREY ORGANIC CLAYEY FINE SAND WITH ORGANIC MATTER SUCH AS GRASS ROOTS	SANDY ORGANIC CLAY				
2.40		YELLOW YELLOWISH BROWN SLIGHTLY SILTY FINE SANDY CLAY	SANDY CLAY				
		BLACK DARK BROWN FINE SANDY HIGHLY ORGANIC CLAY	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger Hole was terminated Due to collapse of wall
 Logged by P.G.P.Rangana
 Supervised by Sudarapa





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Test Method	Hand Auger Boring	sheet No of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation
Station	STA 12+650. CL	Coordinates:
Auger Hole No	NS1-AB-28	X=111 483.536
Depth	4.00m	Y=196 630.093
Date	2006/10/12	Ground Water Level (m)
		3.40

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1.50		BROWN YELLOWISH BROWN SANDY CLAY WITH ORGANIC MATTER	SANDY CLAY				
		BROWN YELLOWISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	LATERITIC CLAY				
		BOREHOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger Hole was terminated Due to collapse of wall
 Logged by P.G.P.Rangana
 Supervised by Sudarapa

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Test Method	Project	Elevation (m)	Soil Type	Soil Type
Station	Station	Coordinates:	Legend	Legend
Auger Hole No	Auger Hole No	Ground Water Level (m)	Depth (m)	Depth (m)
Depth	Depth		Description of Strata	Description of Strata
Date	Date			
1	1.40		BROWN,DARK BROWN CLAYEY SAND WITH ORGANIC MATTER	CLAYEY SAND
2			RED,REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES AND ORGANIC MATTER	LATERITIC CLAY
3	2.50		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.50m	
4				
5				
6				
7				
8				
9				
10				
Remarks : Auger Hole was terminated Due to collapse of wall.				
Legend by P.G.P.Rangana				
Supervis by Subeupa				

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Test Method	Project	Elevation (m)	Soil Type	Soil Type
Station	Station	Coordinates:	Legend	Legend
Auger Hole No	Auger Hole No	Ground Water Level (m)	Depth (m)	Depth (m)
Depth	Depth		Description of Strata	Description of Strata
Date	Date			
1	1.10		BROWN,LIGHT BROWN FINE SANDY CLAY WITH ORGANIC MATTER AND GRAVEL	PLASTIC CLAY
2			BLACK,DARK BROWN ORGANIC CLAY WITH ORGANIC MATTER	ORGANIC CLAY
3	2.40		WHITISH GREY CLAYEY FINE SAND WITH FINE QUARTZ GRAINS	CLAYEY SAND
4			GREY,DARK GREY FINE SANDY CLAY	SANDY CLAY
5			WHITISH GREY,LIGHT GREY FINE SANDY PLASTIC CLAY	PLASTIC CLAY
6				
7				
8				
9				
10				
Remarks : Auger Hole was terminated Due to collapse of wall.				
Legend by P.G.P.Rangana				
Supervis by Subeupa				



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Test Method	Hand Auger Boring	Sheet No	1011
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)	2.524
Station	STA 13+050	Coordinates:	
Auger Hole No	NS1-AB-33	X=	111639.047
Depth (m)	4.50m	Y=	196280.426
Date	2006/10/12	Ground Water Level (m)	0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.90		DARK GREY-BLACKISH BROWN FINE SANDY CLAY WITH SMALL CONTENT OF ORGANIC CLAY	ORGANIC CLAY				
		WHITISH GREY-OFF WHITE FINE TO MEDIUM SANDY PLASTIC CLAY	PLASTIC CLAY				
4.50		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.50m					

Remarks: Auger Hole was terminated Due to collapse of wall
 Logged by: P.G.P.Rangana
 Supervised by: Subaspa



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Test Method	Hand Auger Boring	Sheet No	1011
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)	2.479
Station	STA 13+250	Coordinates:	
Auger Hole No	NS1-AB-35	X=	111706.653
Depth (m)	4.00	Y=	196072.498
Date	2006/10/12	Ground Water Level (m)	0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
		LIGHT BROWN BROWN FINE SANDY ORGANIC CLAY WITH FIBROUS MATTER	SANDY ORGANIC CLAY				
		DARK BROWN-BLACK ORGANIC CLAY WITH DECOMPOSED TIMBER PARTICLES AND FIBROUS MATTER	ORGANIC CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger Hole was terminated Due to collapse of wall
 Logged by: P.G.P.Rangana
 Supervised by: Subaspa



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Test Method	Hand Auger Boring	Sheet No	1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation	1.973
Station	STA 13+450	Coordinates:	X=111 767.721 Y=195 881.980
Auger Hole No	NS1-AB-37	Ground Water Level (m)	3.00
Depth (m)	4.00		
Date	2006/10/12		

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.90		YELLOW, YELLOWISH BROWN FINE SANDY CLAY WITH ORGANIC MATTER	SANDY CLAY				
		BLACK, DARK BROWN ORGANIC CLAY WITH ORGANIC MATTER	ORGANIC MATTER				
3.40		WHITISH GREY, OFF WHITE FINE TO MEDIUM SANDY PLASTIC CLAY WITH GRAVEL	PLASTIC CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by P.G.P.Rangana
Supervised by Suleepu



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Test Method	Hand Auger Boring	Sheet No	1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation	1.693
Station	STA . CL	Coordinates:	X=111 821.650 Y=195 689.514
Auger Hole No	NS1-AB-39	Ground Water Level (m)	0.00
Depth (m)	3.05m		
Date	12/01/2007		

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.50		BROWN, LIGHT BROWN, SILTY CLAY	SILTY CLAY				
2.05		BROWN, DARK BROWN, SILTY ORGANIC CLAY WITH FINE SAND	ORGANIC CLAY				
3.05		GREY, YELLOWISH GREY SILTY CLAY WITH FINE SAND	SILTY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.05m					

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by P.G.P.Rangana
Supervised by Suleepu



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Test Method	Hand Auger Boring	sheet No To f	1.513
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)	1.513
Station	STA 13+850	Coordinates:	X=111865.295 Y=195494.295
Auger Hole No	NS1-AB-41	Ground Water Level (m)	0.00
Depth (m)	3.50		
Date	2006/10/12		

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.00							
1.60		LIGHT GREY SLIGHTLY SILTY FINE SANDY CLAY WITH QUARTZ GRAINS	SANDY CLAY				
3.50		BLACK/DARK BROWN ORGANIC CLAY WITH FIBROUS MATTER	ORGANIC CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.50m					

Remarks: Auger Hole was terminated Due to collaps of wall

Logged by P.G.P Raigama

Supervis by Subeepa



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Test Method	Hand Auger Boring	sheet No To f	1.778
Project	The Outer Circular Highway To The City of Colombo	Elevation	1.778
Station	STA 14+050 CL	Coordinates:	X=111 893.908 Y=195 296.531
Auger Hole No	NS1-AB-43	Ground Water Level (m)	0.00
Depth (m)	4.00m		
Date	12/07/2007		

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.00							
0.90		GREY, BLACKISH GREY FINE TO MEDIUM SANDY PLASTIC CLAY WITH LOW CONTENT OF ORGANIC MATTER	SANDY CLAY				
		BLACK/DARK BROWN SLIGHTLY SILTY ORGANIC CLAY WITH SOME FINE SAND	ORGANIC CLAY				
		WHITISH GREY LIGHT GREY FINE SANDY PLASTIC CLAY WITH KEOLINIZED CLAY	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m					

Remarks: Auger Hole was terminated Due to collaps of wall

Logged by P.G.P Raigama

Supervis by Subeepa



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Test Method	Hand Auger Boring	sheet No	1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation	1.982
Station	STA 14+160 CL	Coordinates:	X=111 903.680 Y=195 186.882
Auger Hole No	NS1-AB-44	Depth	2.50m
Date	12/07/2007	Ground Water Level (m)	0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0.50		WHITISH GREY, YELLOWISH BROWN FINE SANDY PLASTIC CLAY	SANDY CLAY				
2.50		YELLOW, YELLOWISH BROWN FINE TO MEDIUM SANDY PLASTIC CLAY WITH GRAVEL	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.50m					

Remarks: Auger hole was terminated Due to collapse of wall

Logged by P.G.P Rangana
Supervised by Sudatna



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Test Method	Hand Auger Boring	sheet No	1 of 1
Project	The Outer Circular Highway To The City of Colombo	Elevation	5.951
Station	STA , 14+250 CL	Coordinates:	X=111 906.079 Y=195 096.980
Auger Hole No	NS1-AB-46	Depth	3.00m
Date	12/01/2007	Ground Water Level (m)	0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
		BROWN LIGHT BROWN FINE TO COARSE GRAVELLY SANDY CLAY	SANDY CLAY				
		RED, REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITIC NODULE	SANDY CLAY				
		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m					


Remarks: Auger hole was terminated Due to collapse of wall

Logged by P.G.P Rangana
Supervised by Sudatna

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Test Method	Project	Elevation (m)	Coordinates:	Soil Type	Soil Type
Station	STA			Description of Strata	Description of Strata
Auger Hole No	NS1-AB-47			Legend	Legend
Depth (m)	4.50			Depth (m)	Depth (m)
Date	2006/10/12			Soil Type	Soil Type
1	1.50	BROWN, LIGHT BROWN SILTY CLAY WITH FINE SAND	SILTY CLAY		
2		BLACK, BLACKISH BROWN, PEATY ORGANIC CLAY WITH FINE SAND	PEATY ORGANIC CLAY		
3		GREY, WHITISH GREY, SLIGHTLY SILTY FINE TO MEDIUM SANDY CLAY	SANDY CLAY		
4	4.50	BROWN, YELLOWISH BROWN, GRAVELLY CLAY WITH MEDIUM TO COARSE SAND	GRAVELLY CLAY		
5		GREY, BLuish GREY FINE TO MEDIUM SANDY CLAY WITH SOME GRAVEL	SANDY CLAY		
6		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.50m			
7					
8					
9					
10					

Remarks : Auger Hole was terminated due to collapse of wall

Logged by : P.G.P.Rangana
Supervised by : Suleepu

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Test Method	Project	Elevation (m)	Coordinates:	Soil Type	Soil Type
Station	STA			Description of Strata	Description of Strata
Auger Hole No	NS1-AB-49			Legend	Legend
Depth (m)	3.00m			Depth (m)	Depth (m)
Date	11/01/2007			Soil Type	Soil Type
1	1.05	BROWN, YELLOWISH BROWN, FINE TO MEDIUM GRAVELLY CLAY WITH LATERITE NODULES	GRAVELLY CLAY		
2		BROWN, YELLOWISH BROWN, SLIGHTLY SILTY LATERITIC CLAY WITH LATERITE NODULES	LATERITIC CLAY		
3		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m			
4					
5					
6					
7					
8					
9					
10					

Remarks : Auger Hole was terminated Due to collapse of wall

Logged by : P.G.P.Rangana
Supervised by : Suleepu



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Test Method	Hand Auger Boring	sheet No 1 of 1
Project	The Outer Circular Highway To The City of Colombo	5.931
Station	STA : 14+653CL	
Auger Hole No	NS1-AB-50	
Depth	3.50m	
Date	12/01/2007	
		Ground Water Level (m)
		0.00

Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
	LIGHT GREY, GREY SLIGHTLY SILTY FINE SANDY CLAY WITH SOME DECOMPOSED PLAT FRAGMENTS	SANDY CLAY	0.50			
	YELLOWISH BROWN, YELLOW FINE SANDY CLAY WITH SOME COARSE GRAVEL	SANDY CLAY	1			
	WHITE, OFF WHITE FINE SANDY CLAY KEOLINIZED CLAY	SANDY CLAY	2.90			
	AUGAR HOLE WAS TERMINATED AT THE DEPTH OF 3.50m		3.50			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

Remarks: Auger Hole was terminated Due to collapse of wall.

Logged by: P.C.P Ranjana
Supervise by: Subespa



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Test Method	Hand Auger Boring	sheet No 1 of 1
Project	The Outer Circular Highway To The City of Colombo	19.739
Station	STA : CL	
Auger Hole No	NS1-AB-51	
Depth	3.00m	
Date	11/01/2007	
		Ground Water Level (m)
		0.00

Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
	BROWN, YELLOWISH BROWN CLAYEY SAND WITH FINE TO COARSE LATERITIC NODULES AND PLANT ROOTS.	CLAYEY SAND	0.50			
	BROWN, REDDISH BROWN YELLOWISH BROWN SILTY CLAY WITH COARSE SAND AND LATERITE NODULES	SILTY CLAY	1			
	YELLOW, YELLOWISH BROWN REDDISH BROWN, SLIGHTLY TO CLAYEY SAND WITH MEDIUM LATERITE NODULES	LATERITIC CLAY	2			
	AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m		3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			

Remarks: Auger Hole was terminated Due to collapse of wall.

Logged by: P.C.P Ranjana
Supervise by: Subespa

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Test Method Hand Auger Boring		Elevation The Outer Circular Highway To The City of Colombo	
Project STA - CL		Coordinates: X=111 863.186 Y=194 508.855	
Station NS1-AB-52		Ground Water Level (m) 0.00	
Auger Hole No 2.50m			
Depth 2.50m			
Date 12/01/2007			
			
Legend		Legend	
Description of Strata BROWN,REDDISH BROWN,LATERITIC SANDY CLAY WITH SOME GRAVEL		Description of Strata GREY, LIGHT GREY SLIGHTLY SILTY FINE SANDY KEOLINIZED CLAY	
Soil Type SANDY CLAY		Soil Type SANDY CLAY	
Depth (m) 2.50		Depth (m) 1.60	
Description of Strata REDDISH BROWN, YELLOWISH BROWN, SLIGHTLY SILTY LATERITIC CLAY WITH LATERITIC CLAY WITH LATERITE NODULES		Description of Strata RED REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	
Soil Type SILTY CLAY		Soil Type LATERITIC CLAY	
Depth (m) 2.50		Depth (m) 1.60	
Description of Strata AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.50m		Description of Strata AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m	
Soil Type AUGER HOLE WAS TERMINATED AT THE DEPTH OF 2.50m		Soil Type AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m	
Remarks: Auger Hole was terminated Due to collapse of wall			
Logged by P.G.P Rangana		Logged by P.G.P Rangana	
Supervised by Sudepa		Supervised by Sudepa	

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Test Method Hand Auger Boring		Elevation The Outer Circular Highway To The City of Colombo	
Project STA 15-040		Coordinates: X=111 819.921 Y=194 314.710	
Station NS1-AB-53		Ground Water Level (m) 3.00	
Auger Hole No 3.00			
Depth 3.00			
Date 2006/10/12			
			
Legend		Legend	
Description of Strata GREY, LIGHT GREY SLIGHTLY SILTY FINE SANDY KEOLINIZED CLAY		Description of Strata GREY, LIGHT GREY SLIGHTLY SILTY FINE SANDY KEOLINIZED CLAY	
Soil Type SANDY CLAY		Soil Type SANDY CLAY	
Depth (m) 1.60		Depth (m) 1.60	
Description of Strata RED REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES		Description of Strata RED REDDISH BROWN SANDY LATERITIC CLAY WITH LATERITE NODULES	
Soil Type LATERITIC CLAY		Soil Type LATERITIC CLAY	
Depth (m) 1.60		Depth (m) 1.60	
Description of Strata AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m		Description of Strata AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m	
Soil Type AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m		Soil Type AUGER HOLE WAS TERMINATED AT THE DEPTH OF 3.00m	
Remarks: Auger Hole was terminated Due to collapse of wall			
Logged by P.G.P Rangana		Logged by P.G.P Rangana	
Supervised by Sudepa		Supervised by Sudepa	



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Test Method	Hand Auger Boring	sheet No To f I I
Project	The Outer Circular Highway To The City of Colombo	1.631
Station	STA 15+450	
Auger Hole No	NS1-AB-56	
Depth (m)	4.00	
Date	2006/10/12	Not Encountered
Elevation:		X=111 685.174
Coordinates:		Y=193 927.813
Ground Water Level (m)		Not Encountered

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by P.G.P Rangana
Supervise by Sudespa



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Test Method	Hand Auger Boring	sheet No To f I I
Project	The Outer Circular Highway To The City of Colombo	0927
Station	STA 15+550	
Auger Hole No	NS1-AB-58	
Depth (m)	3.00	
Date	2006/10/12	Not Encountered
Elevation:		X=111 674.922
Coordinates:		Y=193 822.870
Ground Water Level (m)		Not Encountered

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1.90							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Remarks: Auger Hole was terminated Due to collaps of wall

Logged by P.G.P Rangana
Supervise by Sudespa



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Test Method	Hand Auger Boring	sheet No of I
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)
Station	STA , 15+600 CL	Coordinates:
Auger Hole No	NSI-AB-59	X= 111 623.124
Depth (m)	1.00m	Y= 193 791.449
Date	12/01/2007	Ground Water Level (m)
		0.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
1		BROWN/LIGHT BROWN CLAYEY FINE TO MEDIUM SAND WITH GRAVEL AND ORGANIC MATTER					
2		AUGERHOLE WAS TERMINATED AT THE DEPTH OF 1.00m					
3							
4							
5							
6							
7							
8							
9							
10							

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by P.G.P.Rangan

Supervised by Sudhepa



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Test Method	Hand Auger Boring	sheet No of I
Project	The Outer Circular Highway To The City of Colombo	Elevation (m)
Station	STA , 15+600	Coordinates:
Auger Hole No	NSI-AB-60	X= 111 623.094
Depth (m)	4.00	Y= 193 777.528
Date	2006/10/12	Ground Water Level (m)
		1.00

Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type	
1		YELLOWISH BROWN SLIGHTLY SILTY FINE SANDY CLAY WITH SOME GRAVEL	SANDY CLAY					
2		WHITISH GREY, GREY SILTY PLASTIC CLAY WITH DECOMPOSED TIMBER PARTICLES	PLASTIC CLAY					
3								
4		AUGER HOLE WAS TERMINATED AT THE DEPTH OF 4.00m						
5								
6								
7								
8								
9								
10								

Remarks: Auger Hole was terminated Due to collapse of wall

Logged by P.G.P.Rangan

Supervised by Sudhepa



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Test Method		Hand Auger Boring		sheet No 1 of 1			
Project		The Outer Circular Highway To The City of Colombo		Elevation:			
Station		STA 16+455		Coordinates:			
Auger Hole No		NS1-AB-62					
Depth (m)		3.00					
Date		2006/10/12		Ground Water Level (m)			
				3.00			
Depth (m)	Legend	Description of Strata	Soil Type	Depth (m)	Legend	Description of Strata	Soil Type
0				0			
1		BROWN, LIGHT BROWN SILTY CLAY WITH SOME ORGANIC MATTER	SILTY CLAY	1			
2		YELLOW, YELLOWISH BROWN FINE SANDY CLAY	SANDY CLAY	2			
3		BOREHOLE WAS TERMINATED AT THE DEPTH OF 3.00m		3			
4				4			
5				5			
6				6			
7				7			
8				8			
9				9			
10				10			
Remarks:		Auger Hole was terminated due to collapse of wall		Logged by		P.G.P Ranganana	
				Supervised by		Sudeepa	