

APPENDIX- C

Techpro Engineers Pvt. Ltd.

Project: - Greentech Inves in Connection with The Construction of Hard Stand

Location: - Haldia Dock Complex

Method of Boring/ Drilling: - Rotary & Percussion Drill

Boring/ Drilling Equipments: - Manual winch M/C

Casing Lowered: - 15.00m

Bore/ Drill Log

Bore Hole No.: - 80

Ground Elevation:

Water Level (Static): - 1.70m

Dia. Of Boring / Drilling: - 150mm

Date: From 21-6-15 to 22-6-15

Date (dd/ mm)	Elevation (m)	Depth/ RUN (m)		Length (m)	Nature of Sampling	SPT: No. of blows				Time Taken (min)	Total length of Core Pieces (m)	Core Recovery (%)	R. Q. D. (%)	Description	
		From	To			0-15 cm	15-30 cm	30-45 cm	N Value						
		1.00	1.45	0.45	U										Silty clay
		1.50	1.95	1	D.P	2	2	3	5						"
		2.50	2.95	1	U										"
		3.00	3.45	1	D.P	1	2	2	4						"
		4.50	4.95	1	D.P	1	1	2	3						Silty soil (marshy soil)
		5.00	5.45	1	U										"
		6.00	6.45	1	D.P	2	1	1	2						"
		7.00	7.45	1	U										"
		8.00	8.45	1	D.P	1	3	4	7						"
		9.50	9.95	1	U										"
		12.00	12.45	1	D.P	2	3	3	6						"
		13.50	13.95	1	D.P	1	2	2	4						"
		15.00	15.45	1	D.P	1	1	2	3						"


एस. आर. साहू / S. R. SAHOO
 असिस्टेंट मैनेजर, असिस्टेंट इंजीनियर
 आई. एफ. सी. ई. एच. भवन, इ. गे. ए.
 IRRF DIVISION, HCC

For Techpro Engineers Pvt. Ltd.

C. P. Kishor
 Site Supervisor

Abbreviation Used: U - Undisturbed Sample C-Core Sample D- Disturbed Sample P - Standard Penetration Test
R: Refusal (Standard Penetration Test (N) >100)

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Techpro Engineers Pvt. Ltd.		Bore/ Drill Log	
Project:-	Geotech invess in connection with the Construction of Hand Stand	Bore Hole No.:-	82
Location:-	Maldia Dock Complex	Ground Elevation:-	
Method of Boring/ Drilling:-	Rotary & Percussion Drill	Water Level (Static):-	1.50m
Boring/ Drilling Equipments:-	Manual winch M/C	Dia. Of Boring / Drilling :-	150mm
Casing Lowered :-	15.00m	Date: From	22-6-15 to 22-6-15

Abbreviation Used: U - Undisturbed Sample G-Core Sample D- Disturbed Sample P - Standard Penetration Test
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Techpro Engineers Pvt. Ltd.										Bore / Drill Log				
Project: - Geotech invest in connection with the construction of Head stand										Bore Hole No.: - 84				
Location: - Helodia Deck Complex										Ground Elevation:				
Method of Boring / Drilling: - Rotary & Percussion Drill										Water Level (Static):				
Boring / Drilling Equipments: - Manual winch MLC										Dia. Of Boring / Drilling: - 150mm				
Casing Lowered: - 150mm										Date: From 22-6-15 to 23-6-15				
Date (dd/mm)	Elevation (m)	Depth / RUN (m)		Length (m)	Nature of Sampling	SPT: No. of blows				Time Taken (min)	Total length of Core Pieces (m)	Core Recovery (%)	R. Q. D. (%)	Description
		From	To			0-15 cm	15-30 cm	30-45 cm	N Value					
		1.00	1.45	0.45	V									Field up Borehole
		1.50	1.95	11	D.P	1	1	2	3					"
		2.50	2.95	4	V									Silty clay
		3.00	3.45	4	DP	2	2	3	5					"
		4.50	4.95	4	D.P	1	2	4	6					Silty soil (Marshy soil)
		5.00	5.45	11	V									"
		6.00	6.45	4	DP	1	1	2	3					"
		7.00	7.45	4	V									"
		8.00	9.45	4	D.P	2	3	5	8					"
		9.50	9.95	4	V									"
		12.00	12.45	4	DP	1	2	3	5					"
		13.50	13.95	11	DP	1	1	3	4					"
		15.00	15.45	11	DP	2	3	3	6					"
										For Techpro Engineers Pvt. Ltd.				
 एस. र. साहू / S. R. SAHOO आसफ़ाक़ाबिकल / Asstt Engineer आई. ई. सी. एन. डिवीजन, ए. टी. डी. ISCF DIVISION, HDG										 P. K. Shrivastava Site Supervisor				

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Techpro Engineers Pvt. Ltd.
Project: - Greotech invest in connection with the construction of Hand Stand
Location: - Haldia Dock Complex
Method of Boring/ Drilling: - Rotary & Percussion Bore
Boring/ Drilling Equipments: - Manual winch M/C
Casing Lowered: - 15.00 m

Bore/ Drill Log
Bore Hole No.: - 85
Ground Elevation:
Water Level (Static): - 1.50 m
Dia. Of Boring/ Drilling: - 150 mm
Date: From 22-6-15 to 23-6-15

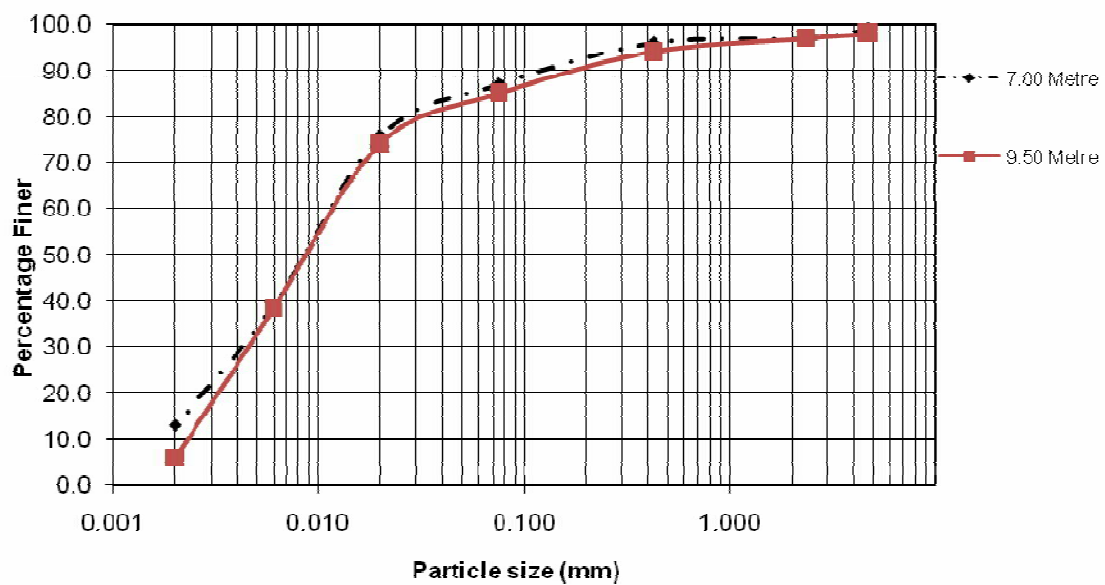
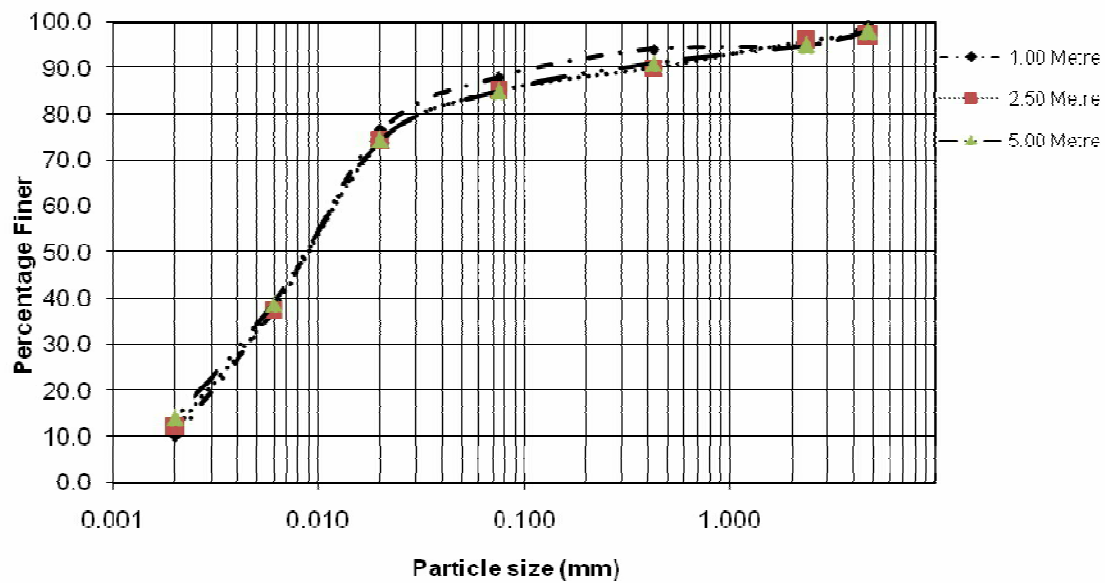
Date (dd/mm)	Elevation (m)	Depth/ RUN (m)		Length (m)	Nature of Sampling	SPT: No. of blows				Time Taken (min)	Total length of Core Pieces (m)	Core Recovery (%)	R. Q. D. (%)	Description
		From	To			0-15 cm	15-30 cm	30-45 cm	N Value					
		1.00	1.45	0.45	U									Field up Bolder
		1.50	2.95	1.45	D.P	2	3	3	6					"
		2.50	2.95	0.45	U									silty clay
		3.00	3.45	0.45	D.P	2	2	3	5					"
		4.50	4.95	0.45	D.P	1	1	1	2					silty soil (Marshy soil)
		5.00	5.45	0.45	U									"
		6.00	6.45	0.45	D.P	1	2	2	4					"
		7.00	7.45	0.45	U									"
		9.00	9.45	0.45	D.P	2	3	4	7					"
		9.50	9.95	0.45	U									"
		12.00	12.45	0.45	D.P	1	3	2	5					"
		13.50	13.95	0.45	D.P	1	1	2	3					"
		15.00	15.45	0.45	D.P	1	2	4	6					"
For Techpro Engineers Pvt. Ltd. <i>(Signature)</i> एच. आर. साहू / S. R. SAHOO सहायक अभियंता / Asst. Engineer और सं. जी. एन. बंगला, इ. एन. डी. ISOF DIVISION, HDC <i>(Signature)</i> CP. Bandyop Site Supervisor														

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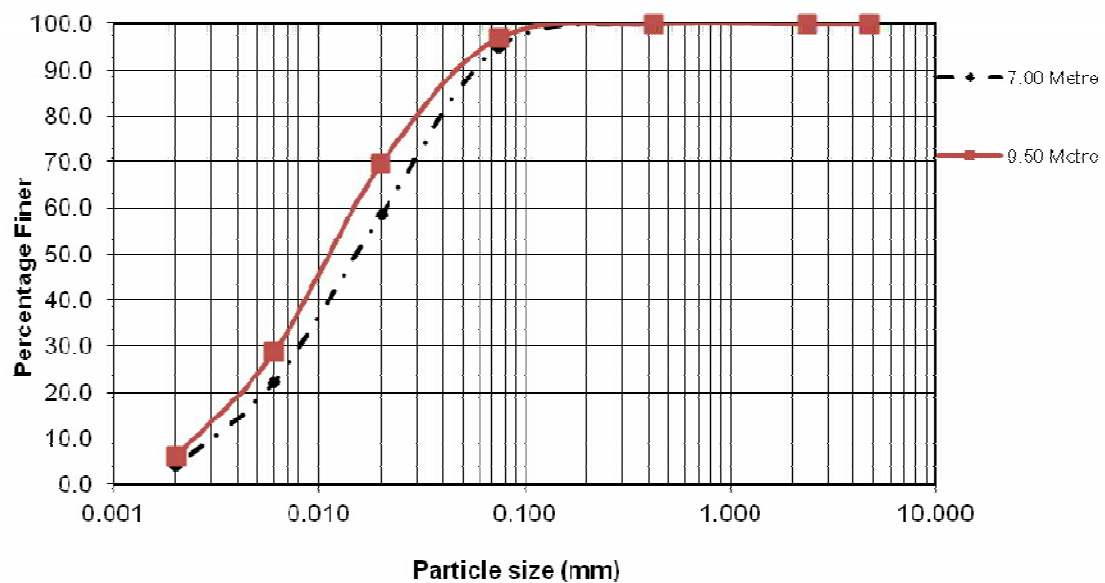
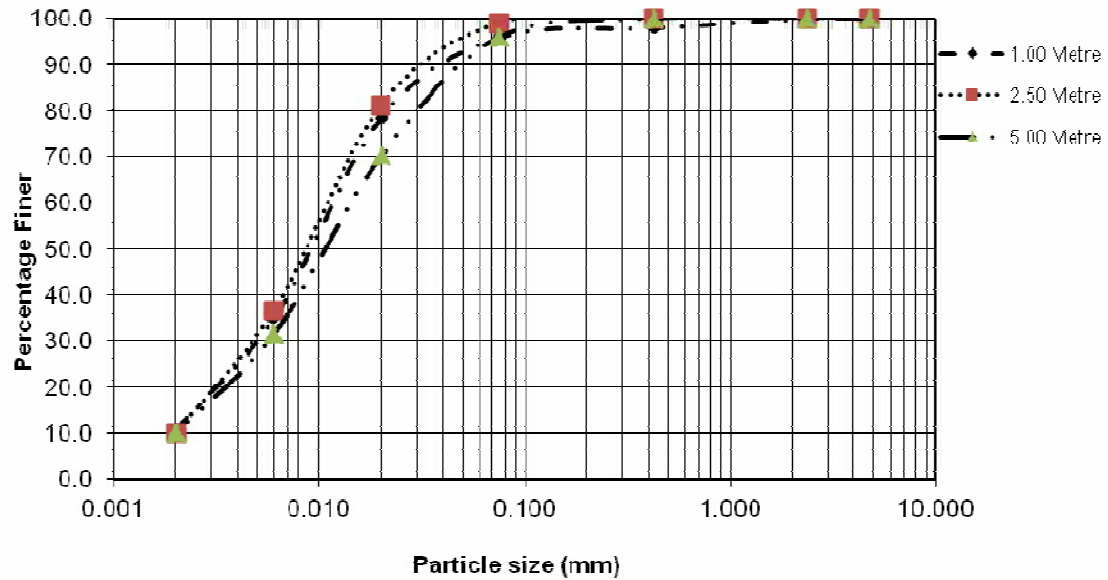
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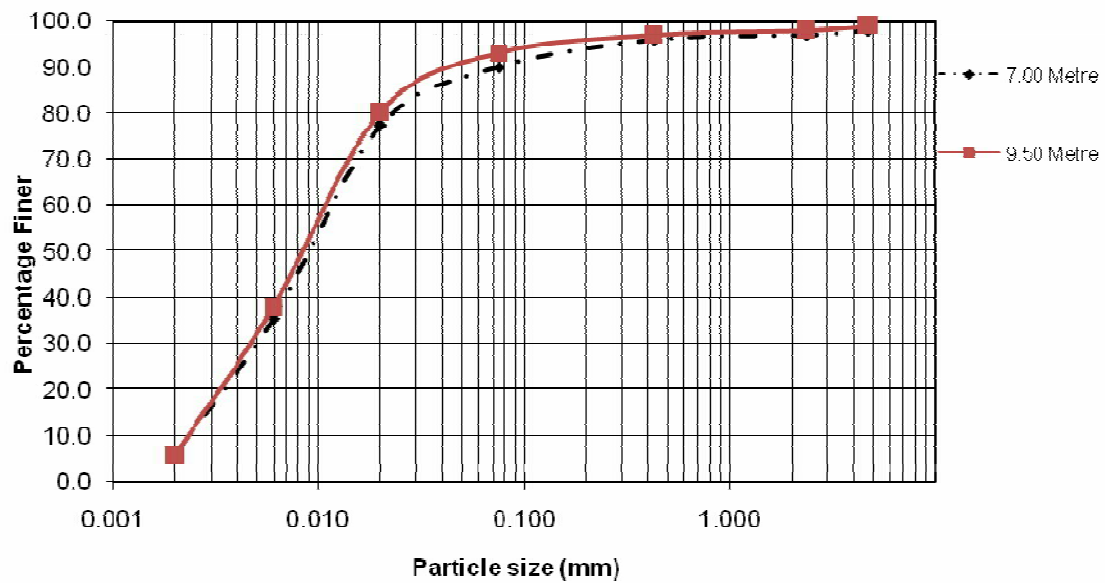
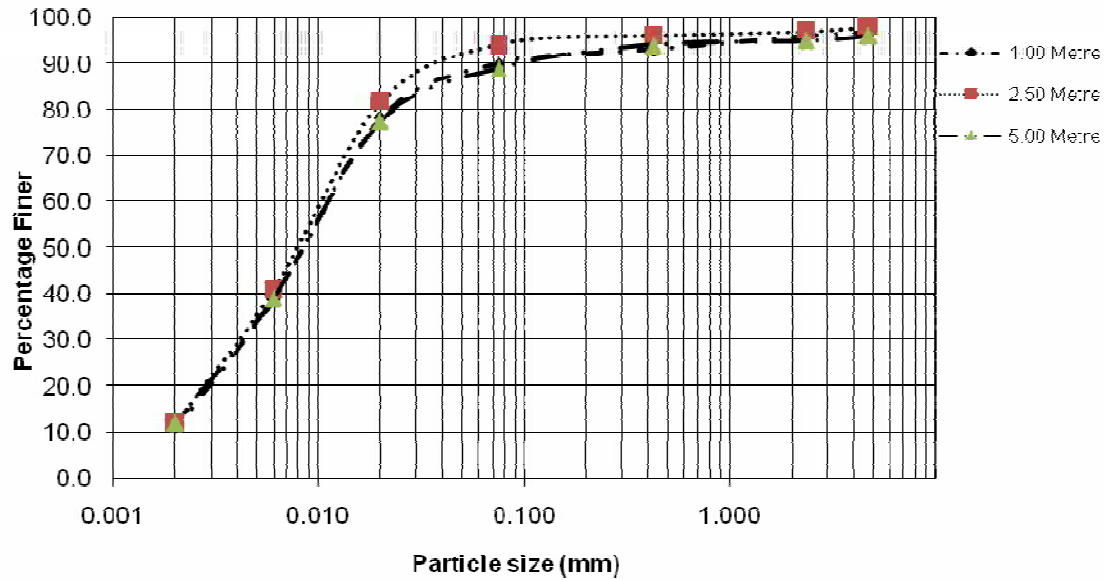
APPENDIX 'D'
GRAPH 78: PARTICLE GRADATION CURVE (BH-76)



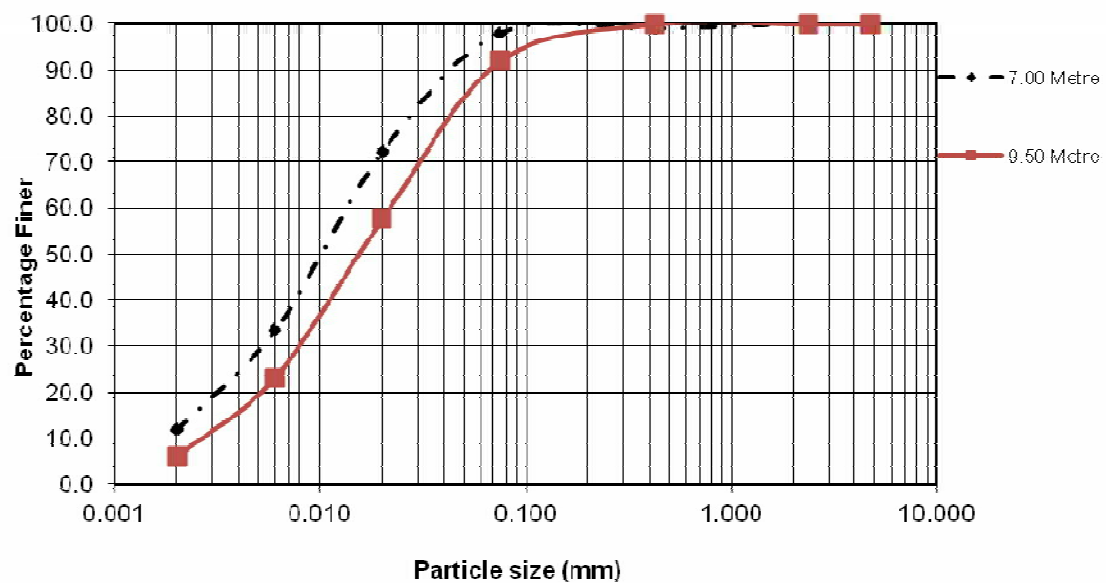
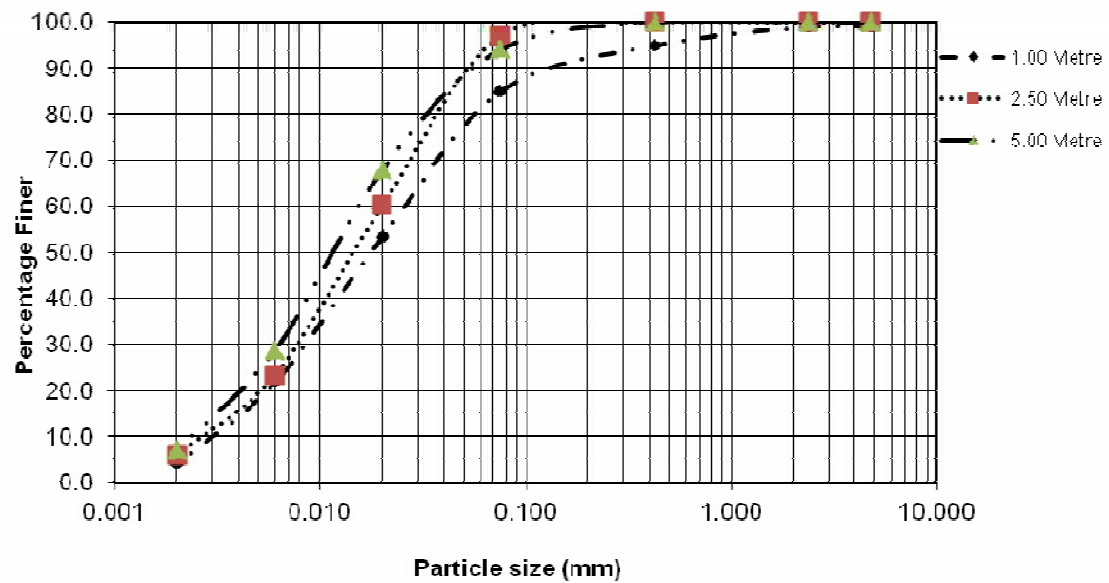
APPENDIX 'D'
GRAPH 79: PARTICLE GRADATION CURVE (BH-77)



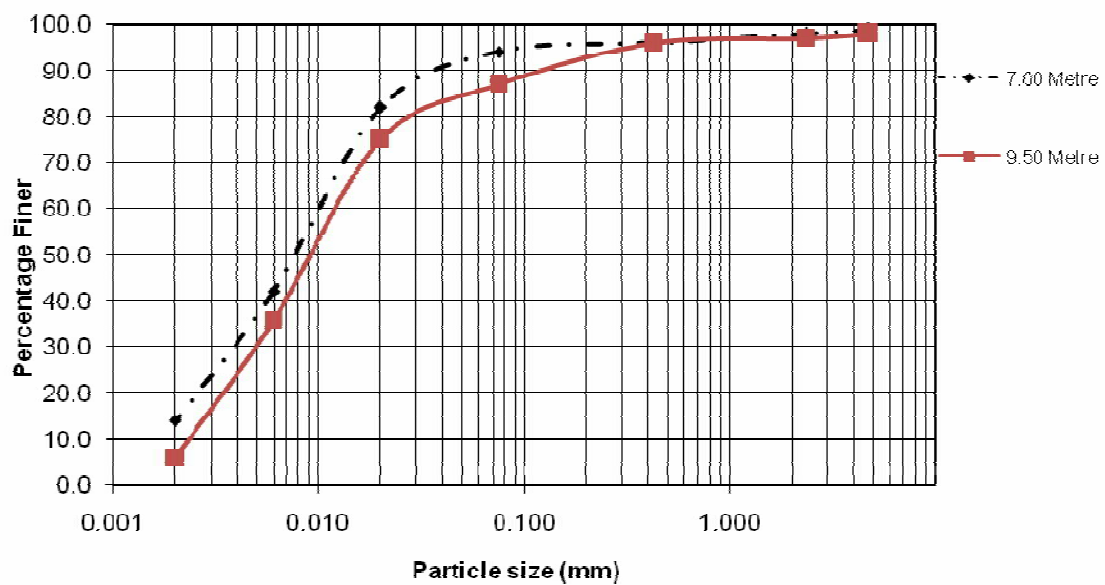
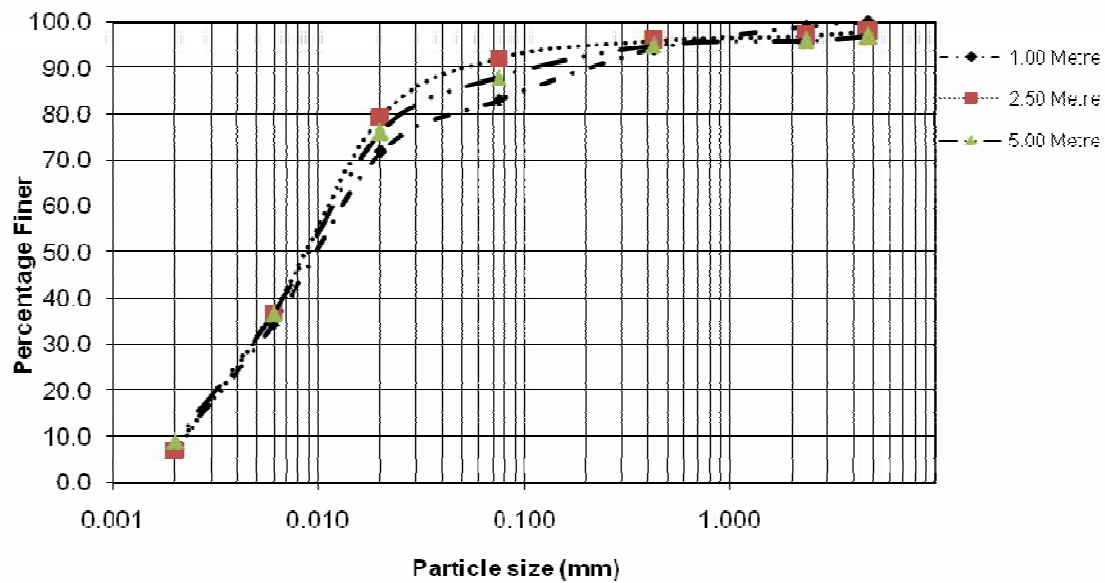
APPENDIX 'D'
GRAPH 80: PARTICLE GRADATION CURVE (BH-78)



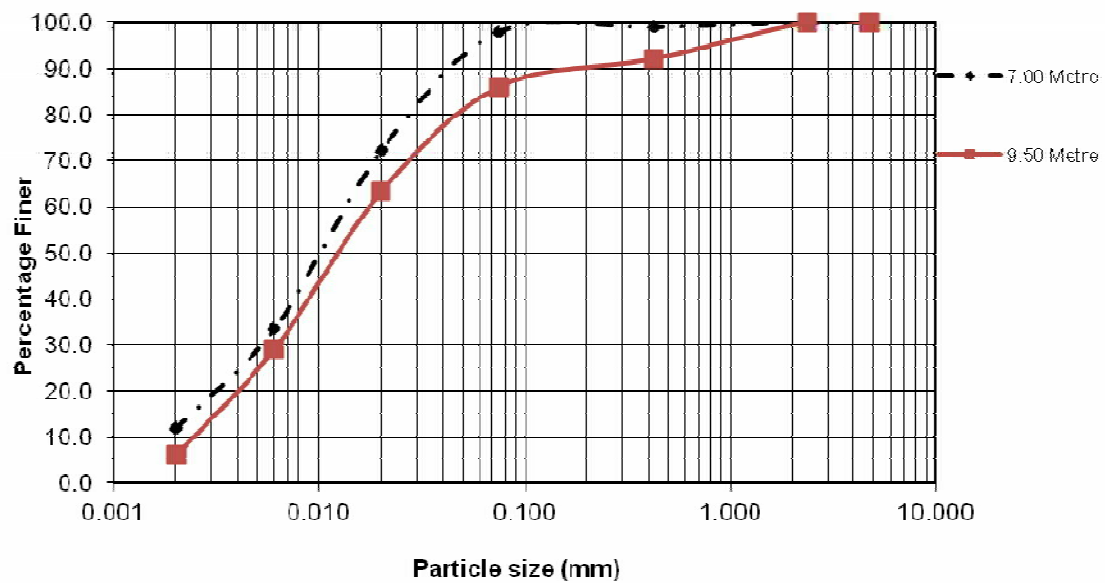
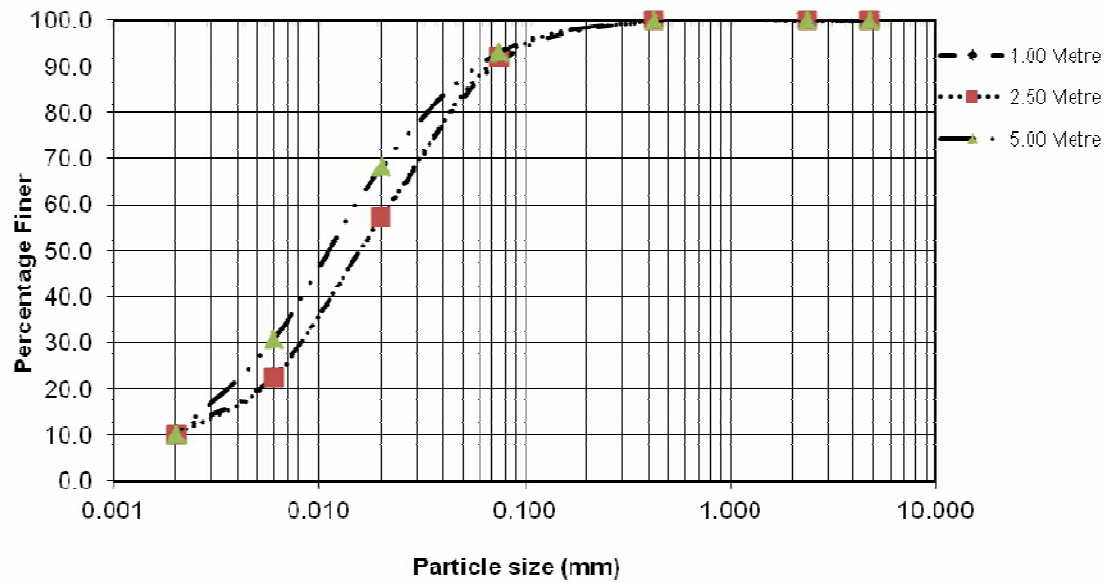
APPENDIX 'D'
GRAPH 81: PARTICLE GRADATION CURVE (BH-79)



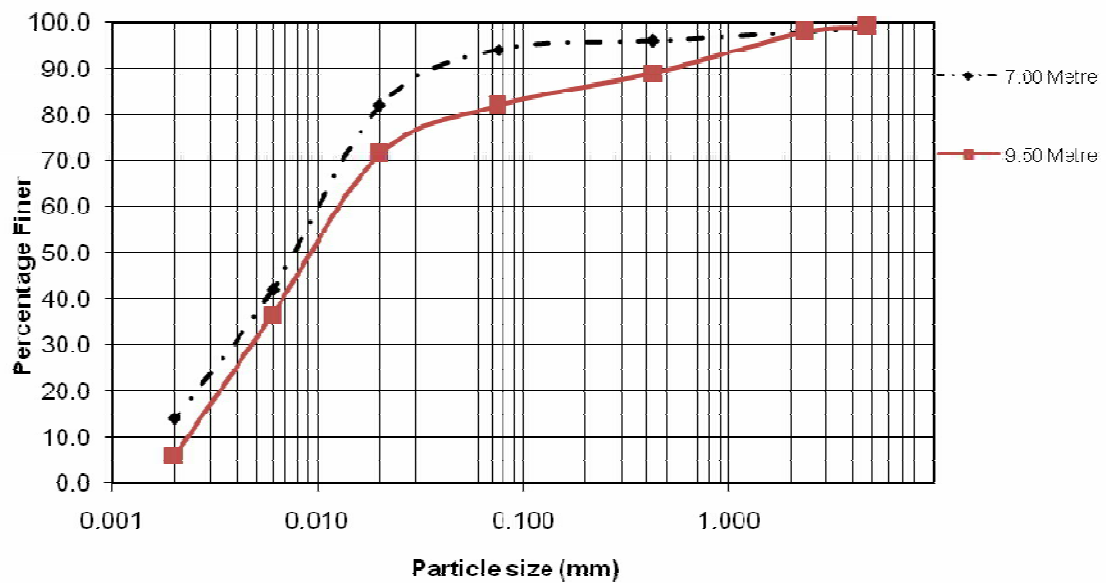
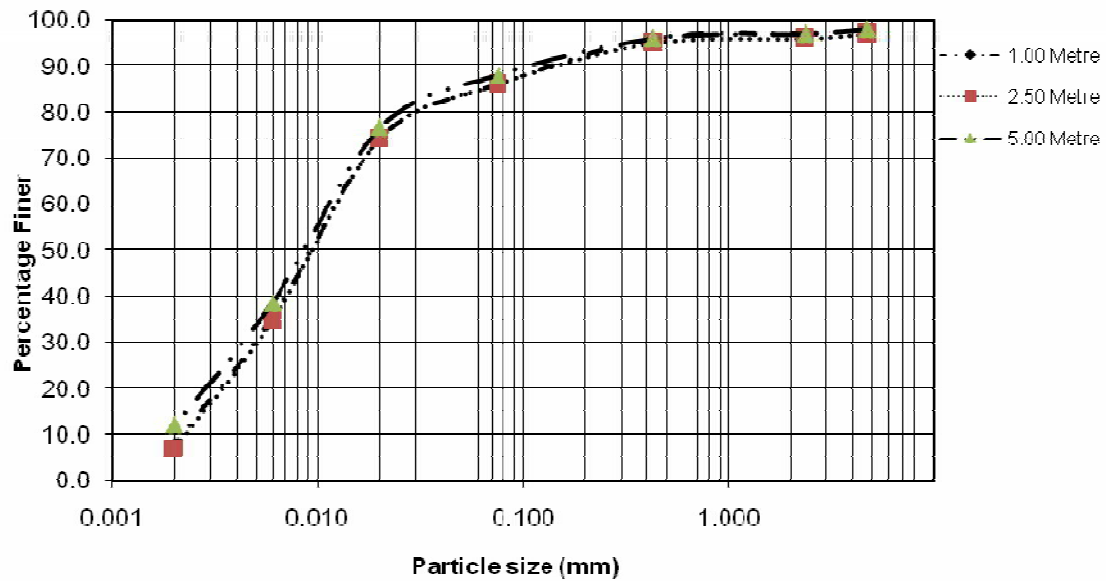
APPENDIX 'D'
GRAPH 82: PARTICLE GRADATION CURVE (BH-80)



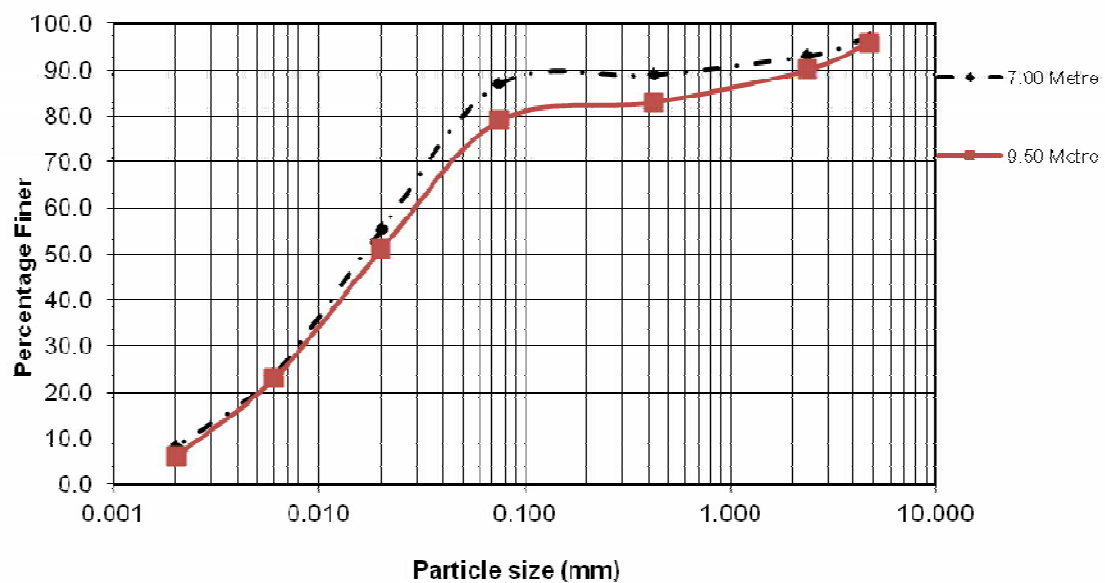
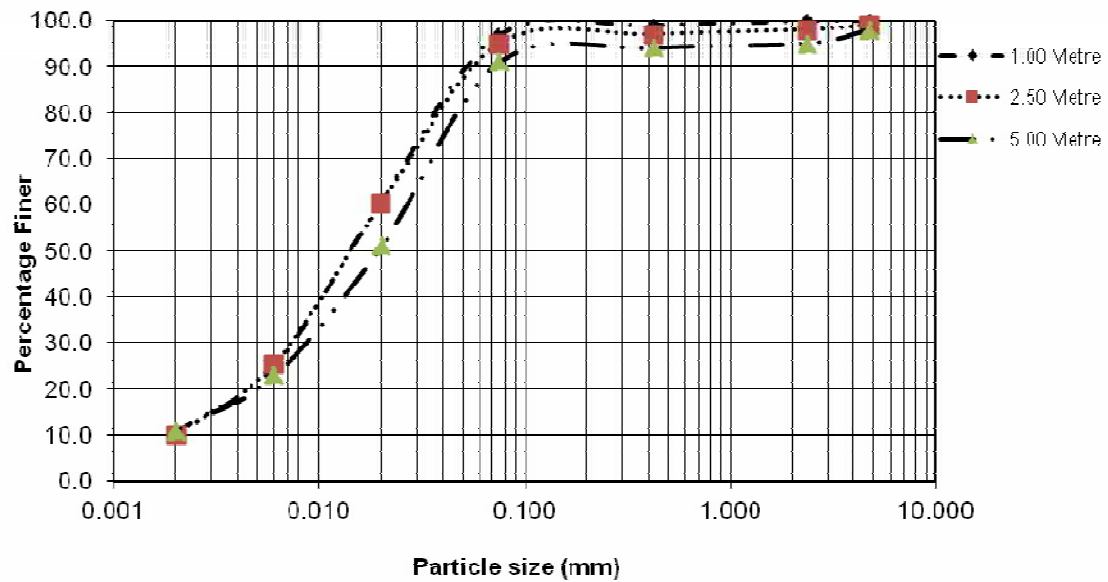
APPENDIX 'D'
GRAPH 83: PARTICLE GRADATION CURVE (BH-81)



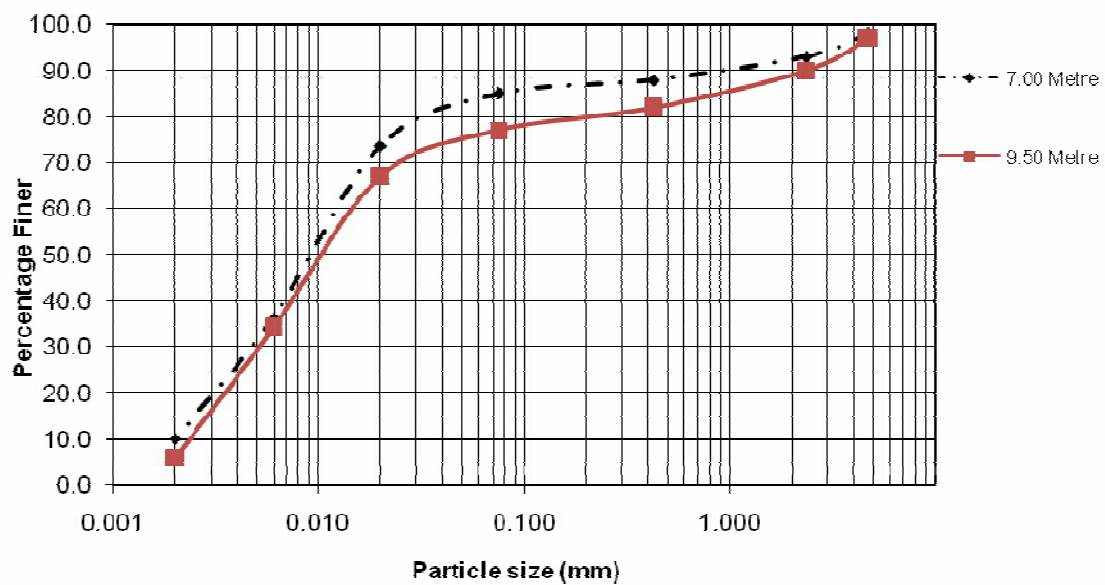
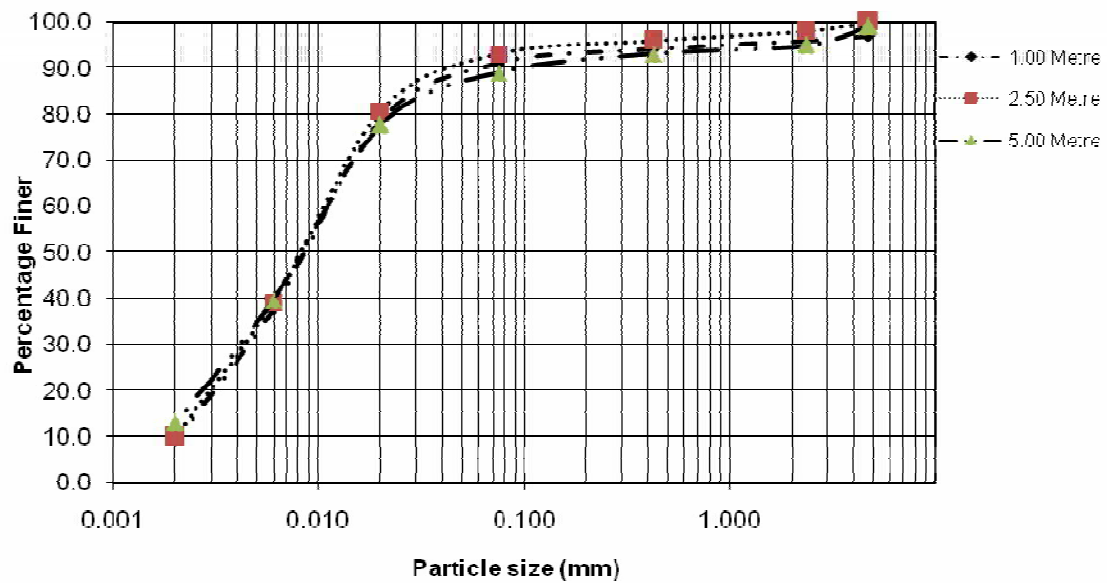
APPENDIX 'D'
GRAPH 84: PARTICLE GRADATION CURVE (BH-82)



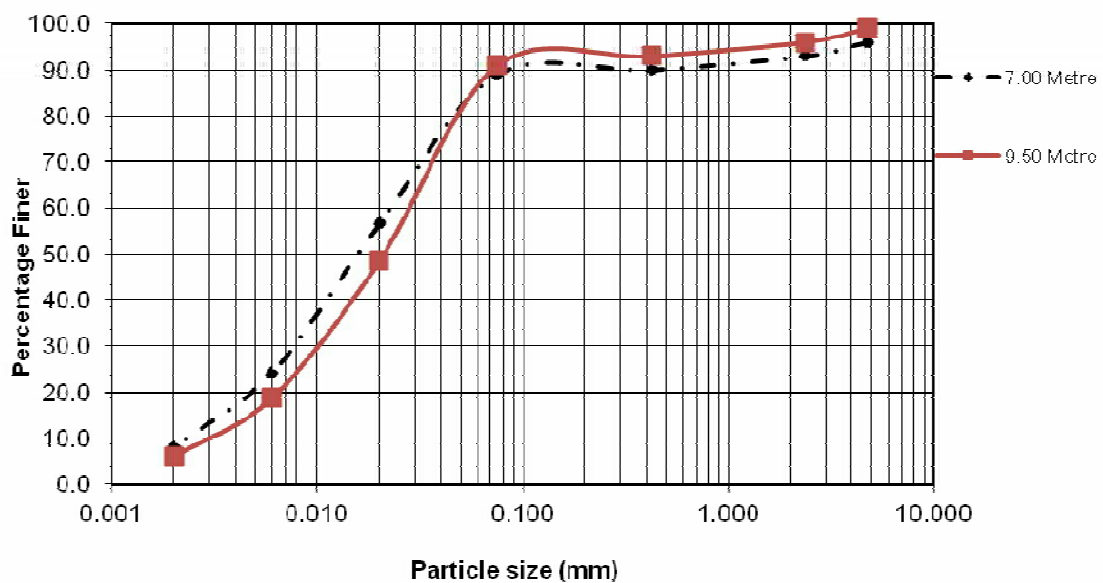
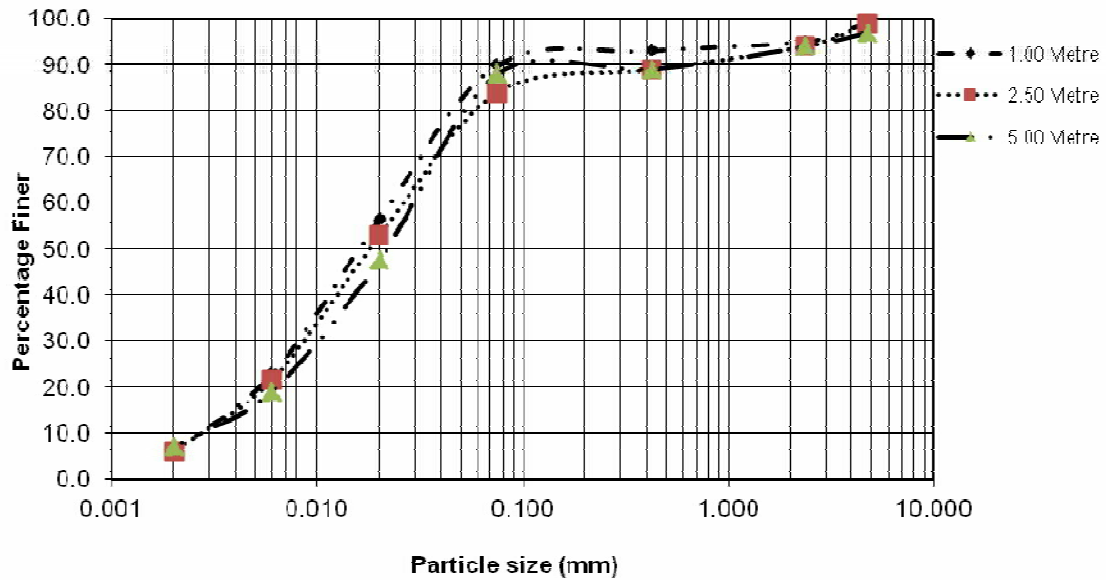
APPENDIX 'D'
GRAPH 85: PARTICLE GRADATION CURVE (BH-83)



APPENDIX 'D'
GRAPH 86: PARTICLE GRADATION CURVE (BH-84)



APPENDIX 'D'
GRAPH 87: PARTICLE GRADATION CURVE (BH-85)



APPENDIX 'D'
GRAPH 88: PARTICLE GRADATION CURVE (BH-86)

