

PARTICLE SIZE DISTRIBUTION

TEST REPORT No. L170310/PS/S-1F

Project : 62801461

Location:

Customer: DHI Water & Environment (m) Sdn Bhd

3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

No.9, Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya, Selangor

Lab Ref.: **L170310**

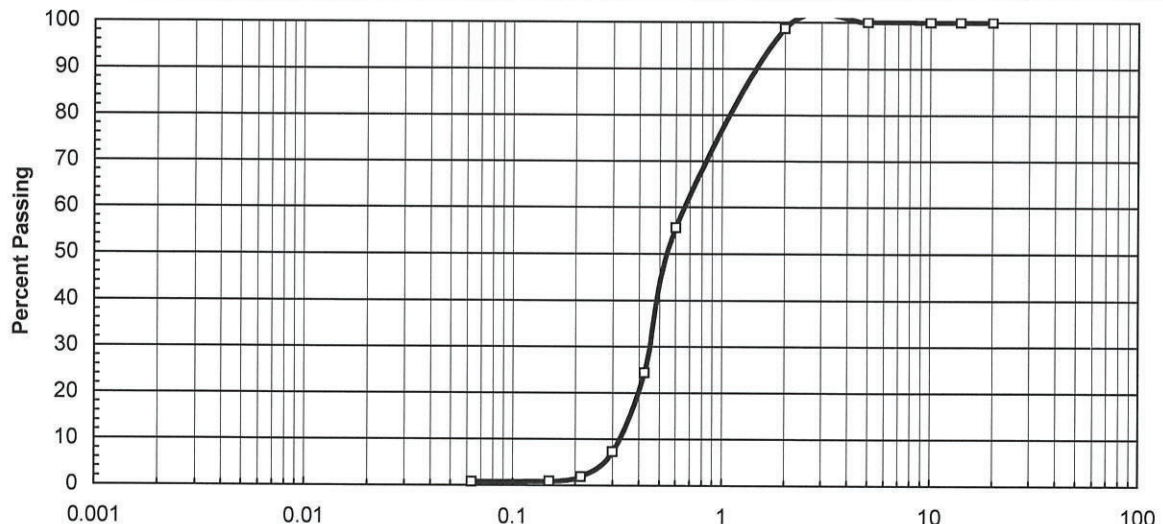
Sample No. : **S-1F**

Depth, m. : **03.10.2017**

Receive Date : **06.10.2017**

Test Date : **16.10.2017**

Test Method: BS1377: 1990, Part 2, Clause 9.2 and 9.3		Initial soil mass, m_1 :	
SIZE (mm)	WT.OF SOIL RETAINED, (gm)	PERCENT RETAINED, (%)	SIEVE PERCENT PASSING, (%)
20.0	0.0	0.0	100.0
14.0	0.0	0.0	100.0
10.0	0.0	0.0	100.0
5.0	0.0	0.0	100.0
2.0	1.3	1.3	98.7
0.600	43.1	43.1	55.6
0.425	31.2	31.2	24.4
0.300	17.1	17.1	7.3
0.212	5.4	5.4	1.9
0.150	1.0	1.0	0.9
0.063	0.1	0.1	0.8
Pan	Note: Wt.Retained during DRY sieving do not include WET sieving portion passing 63 micron		
Test Method: BS1377: 1990, Part 2, Clause 9.5			
m_1 , gm: -		Viscosity of Water: 0.834 mPa s	Meniscus Corr.,cm: 0.50
Particle Density: -		Temperature: 28 °C	Disper.Sol, 0.9995,Rd: -0.5
Elapsed Time t (min)	Hydrometer Reading Rh'	True Reading Rh	Effective Depth Hr (mm)
			Modified Reading R
			Particle Diameter D (mm)
			% Finer
Sample No.	Symbol	CLAY, %	SILT, %
S-1F, 03.10.2017 m.	o	1	98
			GRAVEL, %
			1



CLAY	SILT			SAND			GRAVEL		
	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE

Tested by: Hasnah/Nor

Approved Signatory

NOTES:

The results relate only to the sample received. This document shall not be reproduced except in full, without the written approval of the laboratory.

Wong
WONG KIM YUEN
Technical Manager

PARTICLE SIZE DISTRIBUTION

TEST REPORT No. L170310/PS/S-1G

Project : 62801461

Location:

Customer: DHI Water & Environment (m) Sdn Bhd

3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

No.9, Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya, Selangor

Lab Ref.: **L170310**

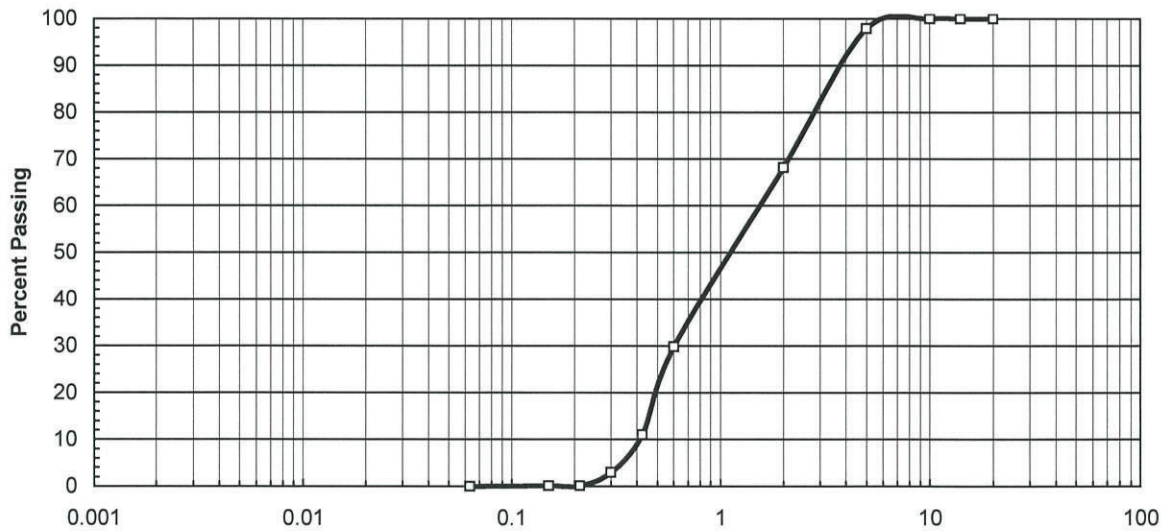
Sample No. : **S-1G**

Depth, m. : **03.10.2017**

Receive Date : **06.10.2017**

Test Date : **16.10.2017**

Test Method: BS1377: 1990, Part 2, Clause 9.2 and 9.3				Initial soil mass, m_1 :		100.0 gm.	
SIZE (mm)	WT.OF SOIL RETAINED, (gm)	PERCENT RETAINED, (%)	SIEVE PERCENT PASSING, (%)				
20.0	0.0	0.0	100.0				
14.0	0.0	0.0	100.0				
10.0	0.0	0.0	100.0				
5.0	2.1	2.1	97.9				
2.0	29.7	29.7	68.2				
0.600	38.4	38.4	29.8				
0.425	18.8	18.8	11.0				
0.300	8.0	8.0	3.0				
0.212	2.9	2.9	0.1				
0.150	0.0	0.0	0.1				
0.063	0.1	0.1	0.0				
Pan	Note: Wt.Retained during DRY sieving do not include WET sieving portion passing 63 micron						
Test Method: BS1377: 1990, Part 2, Clause 9.5				HYDROMETER			
m_1 , gm: -		Particle Density: -		Viscosity of Water: 0.834 mPa s		Menicus Corr.,cm: 0.50	
				Temperature: 28 °C		Disper.Sol, 0.9995,Rd: -0.5	
Elapsed Time t (min)	Hydrometer Reading Rh'	True Reading Rh	Effective Depth Hr (mm)	Modified Reading R	Particle Diameter D (mm)	% Finer	
Sample No.	Symbol	CLAY, %	SILT, %	SAND, %	GRAVEL, %		
S-1G, 03.10.2017 m.	o	0		68	32		



CLAY	SILT			SAND			GRAVEL		
	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE

Tested by: Hasnah/Nor

Approved Signatory

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PARTICLE SIZE DISTRIBUTION

TEST REPORT No. L170310/PS/S-1H

Project : 62801461

Lab Ref.: L170310

Location:

Sample No. : S-1H

Customer: DHI Water & Environment (m) Sdn Bhd

Depth, m. : 03.10.2017

3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

Receive Date : 06.10.2017

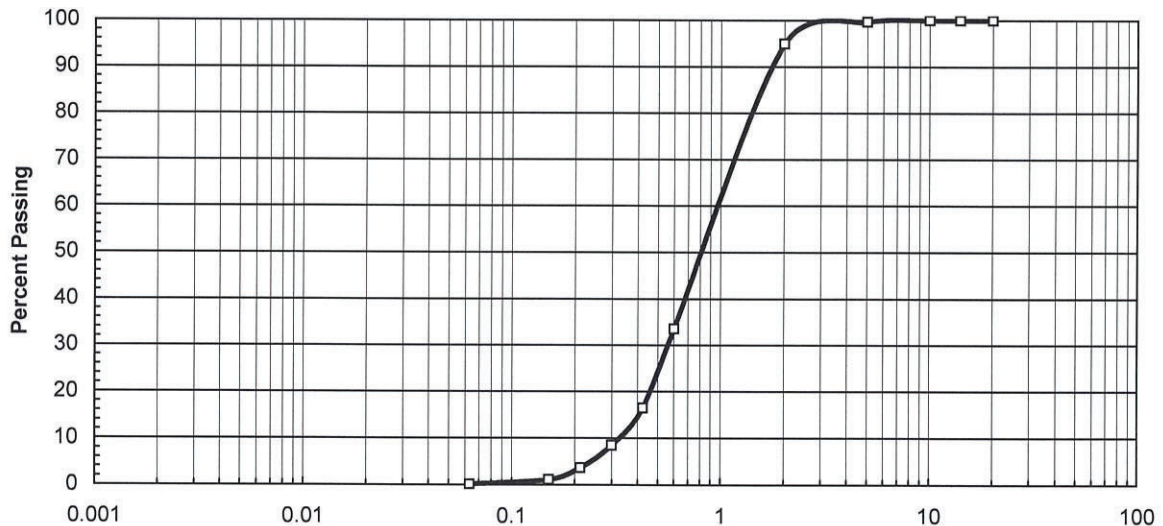
No.9, Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya, Selangor

Test Date : 16.10.2017

Test Method: BS1377: 1990, Part 2, Clause 9.2 and 9.3				Initial soil mass, m_1 :	
SIZE (mm)	WT.OF SOIL RETAINED, (gm)	PERCENT RETAINED, (%)	SIEVE PERCENT PASSING, (%)		
20.0	0.0	0.0	100.0		
14.0	0.0	0.0	100.0		
10.0	0.0	0.0	100.0		
5.0	0.3	0.3	99.7		
2.0	4.8	4.8	94.9		
0.600	61.4	61.4	33.5		
0.425	17.0	17.0	16.5		
0.300	8.0	8.0	8.5		
0.212	4.8	4.8	3.7		
0.150	2.6	2.6	1.1		
0.063	1.0	1.0	0.1		
Pan	Note: Wt.Retained during DRY sieving do not include WET sieving portion passing 63 micron				

Test Method: BS1377: 1990, Part 2, Clause 9.5					HYDROMETER	
m_1 , gm: -		Viscosity of Water: 0.834 mPa s		Menicus Corr.,cm: 0.50		
Particle Density: -		Temperature: 28 °C		Disper.Sol, 0.9995,Rd: -0,5		
Elapsed Time t (min)	Hydrometer Reading Rh'	True Reading Rh	Effective Depth Hr (mm)	Modified Reading R	Particle Diameter D (mm)	% Finer

Sample No.	Symbol	CLAY, %	SILT, %	SAND, %	GRAVEL, %
S-1H, 03.10.2017 m.	o	0	95	5	



CLAY	SILT			SAND			GRAVEL		
	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE

Tested by: Hasnah/Nor

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PARTICLE SIZE DISTRIBUTION

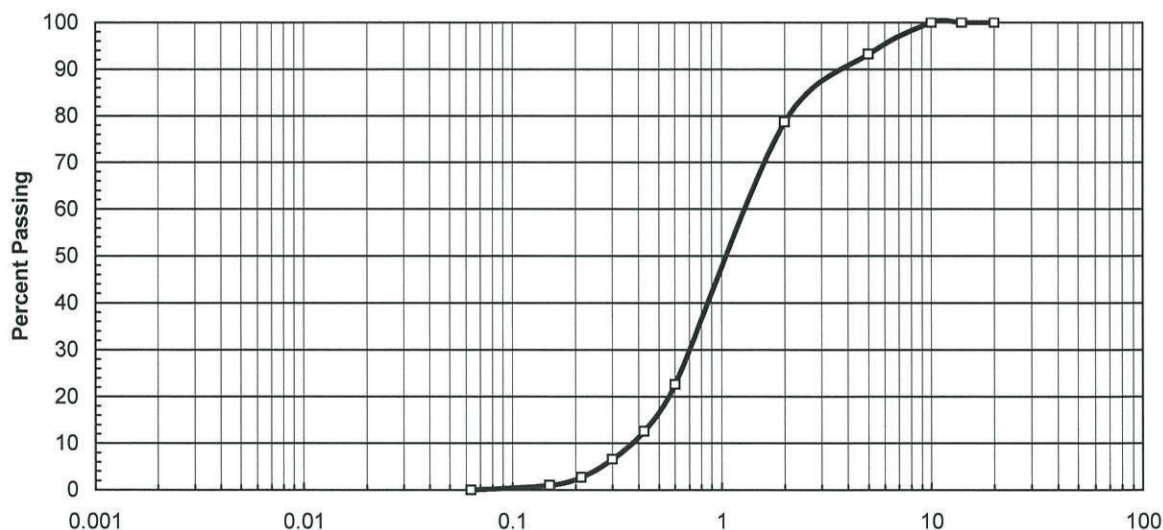
TEST REPORT No. L170310/PS/S-11

Project : 62801461
Location:
Customer: DHI Water & Environment (m) Sdn Bhd
3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,
No.9, Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya, Selangor

Lab Ref.: **L170310**
Sample No. : **S-11**
Depth, m. : **03.10.2017**
Receive Date : **06.10.2017**
Test Date : **16.10.2017**

Test Method: BS1377: 1990, Part 2, Clause 9.2 and 9.3			Initial soil mass, m_1 :		100.0 gm.	
SIZE (mm)	WT.OF SOIL RETAINED, (gm)	PERCENT RETAINED, (%)	SIEVE PERCENT PASSING, (%)			
20.0	0.0	0.0	100.0			
14.0	0.0	0.0	100.0			
10.0	0.0	0.0	100.0			
5.0	6.8	6.8	93.2			
2.0	14.5	14.5	78.7			
0.600	56.1	56.1	22.6			
0.425	10.0	10.0	12.6			
0.300	6.0	6.0	6.6			
0.212	3.9	3.9	2.7			
0.150	1.7	1.7	1.0			
0.063	1.0	1.0	0.0			
Pan						
Note: Wt.Retained during DRY sieving do not include WET sieving portion passing 63 micron						
Test Method: BS1377: 1990, Part 2, Clause 9.5			HYDROMETER			
m_1 , gm: -		Viscosity of Water: 0.834 mPa s	Menicus Corr., cm: 0.50			
Particle Density: -		Temperature: 28 °C	Disper.Sol, 0.9995,Rd: -0.5			
Elapsed Time t (min)	Hydrometer Reading Rh'	True Reading Rh	Effective Depth Hr (mm)	Modified Reading R	Particle Diameter D (mm)	% Finer

Sample No.	Symbol	CLAY, %	SILT, %	SAND, %	GRAVEL, %
S-11, 03.10.2017 m.	o	0	79	21	



CLAY	SILT			SAND			GRAVEL		
	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE

Tested by: Hasnah/Nor

Approved Signatory

NOTES:

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WONG KIM YUEN
Technical Manager

PARTICLE SIZE DISTRIBUTION

TEST REPORT No. L170310/PS/S-2A

Project : 62801461

Location:

Customer: DHI Water & Environment (m) Sdn Bhd

3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

No.9, Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya, Selangor

Lab Ref.: **L170310**

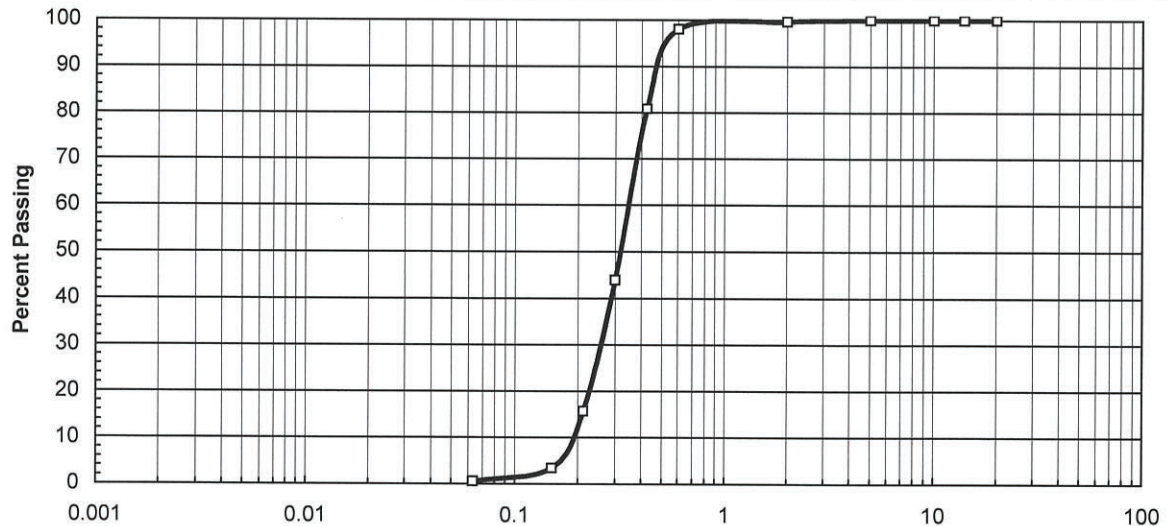
Sample No. : **S-2A**

Depth, m. : **03.10.2017**

Receive Date : **06.10.2017**

Test Date : **16.10.2017**

Test Method: BS1377: 1990, Part 2, Clause 9.2 and 9.3				Initial soil mass, m_1 :		100.0 gm.	
SIZE (mm)	WT.OF SOIL RETAINED, (gm)	PERCENT RETAINED, (%)	SIEVE PERCENT PASSING, (%)				
20.0	0.0	0.0	100.0				
14.0	0.0	0.0	100.0				
10.0	0.0	0.0	100.0				
5.0	0.0	0.0	100.0				
2.0	0.3	0.3	99.7				
0.600	1.7	1.7	98.0				
0.425	17.2	17.2	80.8				
0.300	36.9	36.9	43.9				
0.212	28.2	28.2	15.7				
0.150	12.3	12.3	3.4				
0.063	2.8	2.8	0.6				
Pan		Note: Wt.Retained during DRY sieving do not include WET sieving portion passing 63 micron					
Test Method: BS1377: 1990, Part 2, Clause 9.5				HYDROMETER			
m_1 , gm: -		Viscosity of Water: 0.834 mPa s		Meniscus Corr.,cm: 0.50			
Particle Density: -		Temperature: 28 °C		Disper.Sol, 0.9995,Rd: -0.5			
Elapsed Time t (min)	Hydrometer Reading Rh'	True Reading Rh	Effective Depth Hr (mm)	Modified Reading R	Particle Diameter D (mm)	% Finer	
Sample No.		Symbol	CLAY, %	SILT, %	SAND, %	GRAVEL, %	
S-2A, 03.10.2017 m.		o	1	99	0		



CLAY	SILT			SAND			GRAVEL			
	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	

Tested by: Hasnah/Nor

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