

PARTICLE SIZE DISTRIBUTION

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

Project : 62801461

Lab Ref.: **L170310**

Location:

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

Customer: DHI Water & Environment (m) Sdn Bhd

Depth, m. : **03.10.2017**

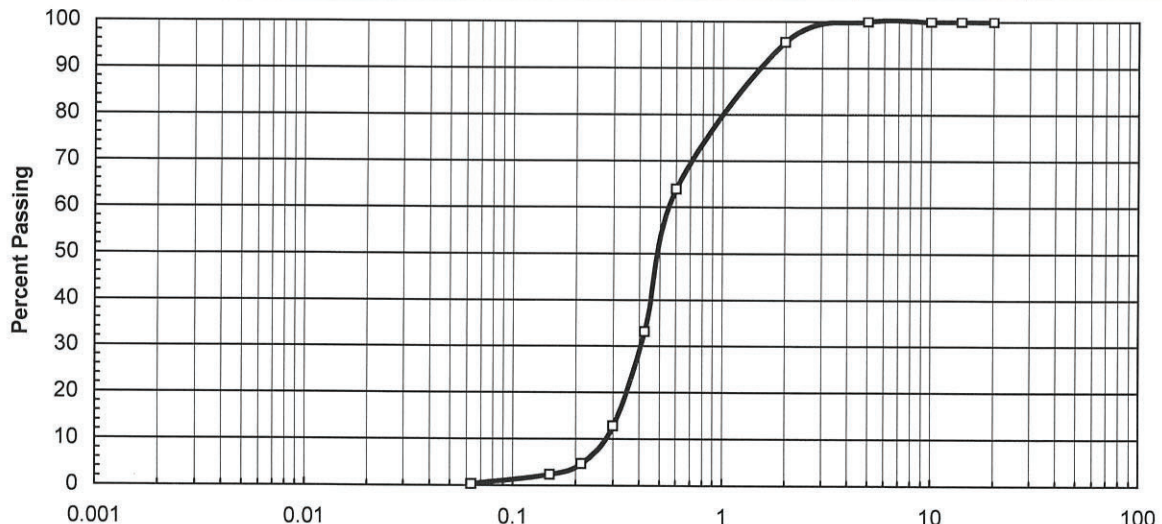
3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

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	0.0	0.0	100.0			
2.0	4.4	4.4	95.6			
0.600	31.7	31.7	63.9			
0.425	30.8	30.8	33.1			
0.300	20.3	20.3	12.8			
0.212	8.1	8.1	4.7			
0.150	2.3	2.3	2.4			
0.063	2.1	2.1	0.3			
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		Meniscus 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-2G, 03.10.2017 m.		o	0		96	4



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-2H

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-2H

Depth, m. : 03.10.2017

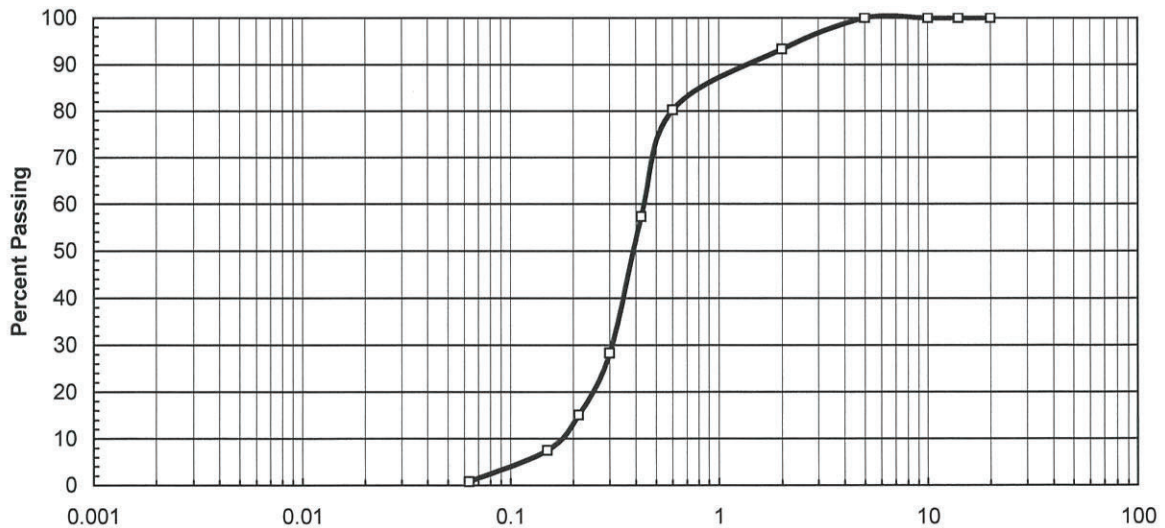
Receive Date : 06.10.2017

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	6.7	6.7	93.3		
0.600	13.1	13.1	80.2		
0.425	22.9	22.9	57.3		
0.300	29.0	29.0	28.3		
0.212	13.2	13.2	15.1		
0.150	7.6	7.6	7.5		
0.063	6.7	6.7	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					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-2H, 03.10.2017 m.	o	1	92	7	



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

Tested by: Hasnah/Nor

Approved Signatory

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Technical Manager

TEST REPORT No. L170310/PS/S-3A

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**

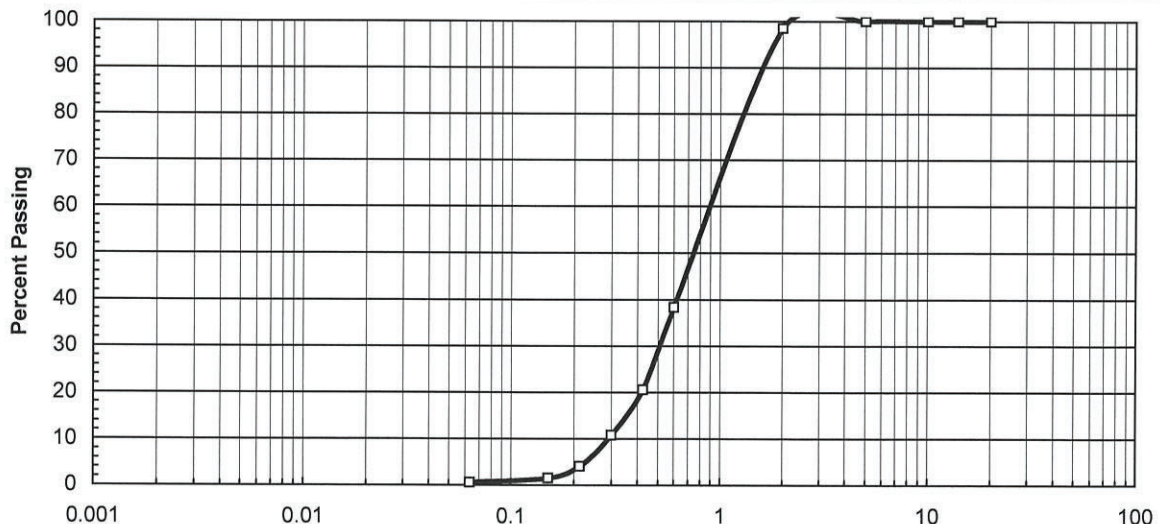
Sample No. : **S-3A**

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	1.5	1.5	98.5			
0.600	60.2	60.2	38.3			
0.425	17.7	17.7	20.6			
0.300	9.8	9.8	10.8			
0.212	6.7	6.7	4.1			
0.150	2.6	2.6	1.5			
0.063	0.9	0.9	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: -		Particle Density: -		Viscosity of Water: 0.834 mPa s		Meniscus 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, %
S-3A, 03.10.2017 m.		o		1		98
				SAND, %		GRAVEL, %
				98		1



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-3B

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**

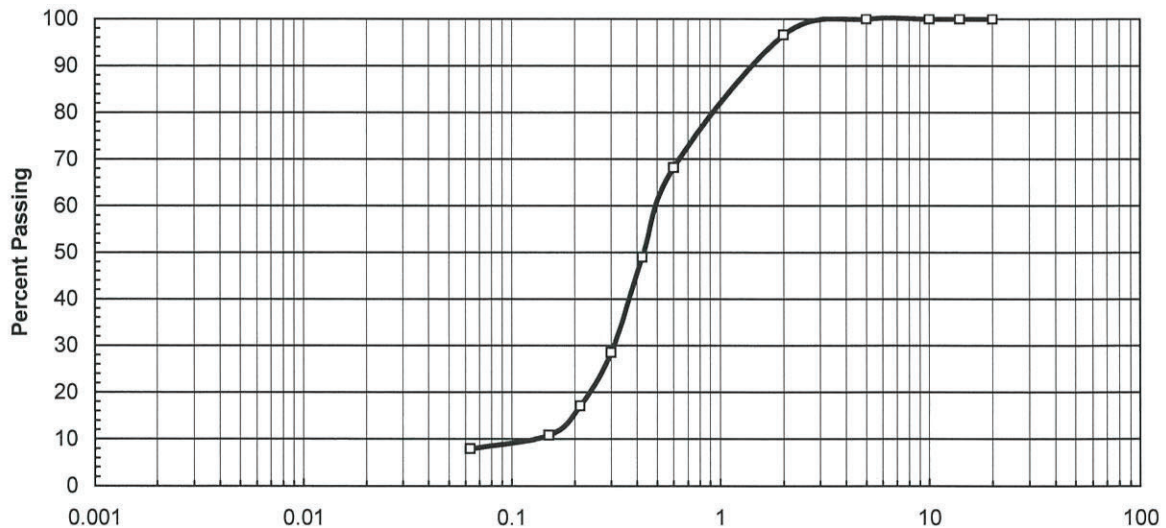
Sample No. : **S-3B**

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	3.4	3.4	96.6			
0.600	28.4	28.4	68.2			
0.425	19.2	19.2	49.0			
0.300	20.5	20.5	28.5			
0.212	11.4	11.4	17.1			
0.150	6.3	6.3	10.8			
0.063	2.9	2.9	7.9			
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-3B, 03.10.2017 m.	o	8		89	3	



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-2C

Project : 62801461

Lab Ref.: **L170310**

Location:

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

Customer: DHI Water & Environment (m) Sdn Bhd

Depth, m. : **03.10.2017**

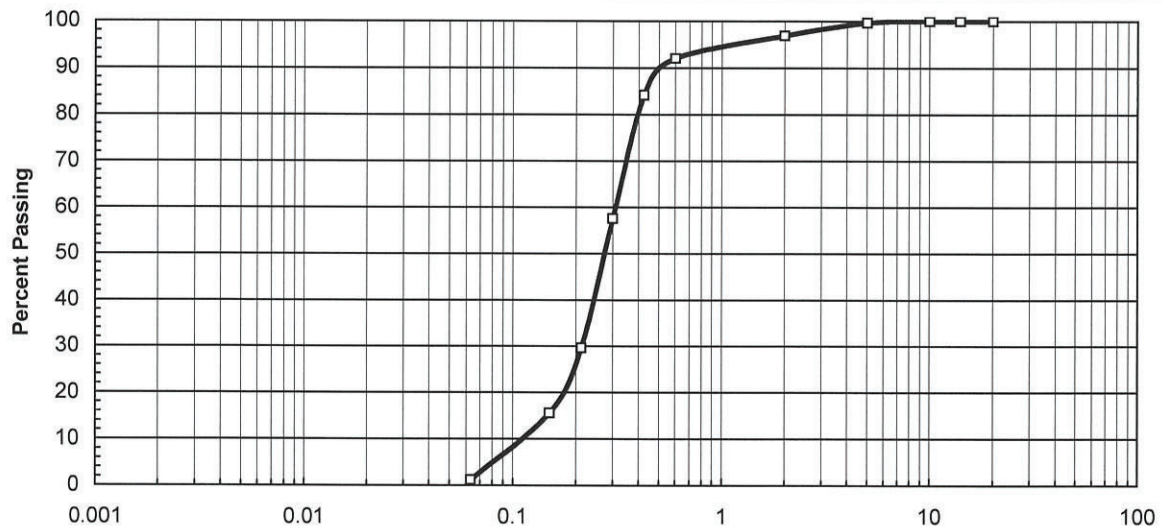
3A01 & 02, Block G, Pusat Dagangan Phileo Damansara 1,

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	2.8	2.8	96.9			
0.600	4.9	4.9	92.0			
0.425	7.8	7.8	84.2			
0.300	26.6	26.6	57.6			
0.212	28.0	28.0	29.6			
0.150	14.0	14.0	15.6			
0.063	14.4	14.4	1.2			
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-2C, 03.10.2017 m.	o	1		96	3	



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

Tested by: Hasnah/Nor

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