



Lampiran 9 Data N-SPT

		SUB SURFACE EXPLORATION LOG ASTM D1586 – 11, SNI 4153-2008 DED Bandara Kulon Progo Yogyakarta												
Client : PT. Angkasa Pura I Location : Glagah Easting : 397540 m Northing : 9125519 m		Date Commenced : 21-Apr-17 Date Completed : 22-Apr-17 Bore Master : Nanang Field Engineer : Yanuar Rifati		Weather : Cloudy Drilling Rig : DM-01 Core Diameter : 73 mm Water Depth : - 2.7 m										
Depth (m)	Sample Type	USCS Classification	Graphic Log	Description	N SPT		Unit Weight (kN/m ³)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	LL (%)	PL (%)	PI (%)
					Field PP Test (kgf/cm ²)	Blow / cm								
					Depth (m)	N Value								
0														
1														
2				Fine SAND, dark grey, dry, loose										
3														
4														
5														
6				Fine SAND, dark grey, wet, loose to dense										
7														
8														
9														
10														
11				Fine SAND w/ fine gravel, dark grey, wet, dense										
12				end of drilling at 12.0 m										
13														
14														
15														
16														
17														
18														
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22														
23														
24														
25														
26														
27														
28														
29														
30														

<ul style="list-style-type: none"> Undisturbed Sample (UDS) Disturbed Sample (UDS) Mazier Sample Piston Sample 	<ul style="list-style-type: none"> PP - Pocket Penetrometer LL - Liquid Limit PL - Plastic Limit PI - Plasticity Index 	Bore Hole : DB - 02
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SUB SURFACE EXPLORATION LOG
ASTM D1586 – 11, SNI 4153-2008



DED Bandara Kulon Progo Yogyakarta

Client : PT. Angkasa Pura I
Location : Palihan
Easting : 395544 m
Northing : 9126252 m

Date Commenced : 2-Mei-17
Date Completed : 3-Mei-17
Bore Master : Nanang
Field Engineer : Yanuar Rifa'i

Weather : Clear
Drilling Rig : DM-01
Core Diameter : 73 mm
Water Depth : - 1.98 m

Depth (m)	Sample Type	USCS Classification	Graphic Log	Description	N SPT		Unit Weight (kN/m ³)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	LL (%)	PL (%)	PI (%)
					Field PP Test qu (kg/cm ²)	Blow / cm								
0														
1														
2				Fine SAND, dark grey, dry, loose to medium dense		8/30								
3														
4				Medium SAND w/ few fine gravel, dark grey, wet, medium dense		17/30								
5				Medium SAND w/ little fine gravel, dark grey, wet, dense										
6						50/25								
7														
8				Coarse SAND w/ little fine gravel, dark grey, wet, dense		50/30								
9														
10						50/12								
11														
12				end of drilling at 12.0 m		50/9								
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														

- Undisturbed Sample (UDS)
- ▣ Disturbed Sample (UDS)
- ▢ Mazier Sample
- ▤ Piston Sample

- PP - Pocket Penetrometer
- LL - Liquid Limit
- PL - Plastic Limit
- PI - Plasticity Index

Bore Hole :
DB - 09



SUB SURFACE EXPLORATION LOG
ASTM D1586 – 11, SNI 4153-2008

DED Bandara Kulon Progo Yogyakarta



Client : PT. Angkasa Pura I
Location : Palihan
Easting : 394888 m
Northing : 9126442 m

Date Commenced : 6-Mei-17
Date Completed : 7-Mei-17
Bore Master : Nanang
Field Engineer : Yanuar Rifa'i

Weather : Clear
Drilling Rig : DM-01
Core Diameter : 73 mm
Water Depth : - 1.55 m

Depth (m)	Sample Type	USCS Classification	Graphic Log	Description	Field PP Test qu (kg/cm ²)	N SPT		Unit Weight (kN/m ³)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	LL (%)	PL (%)	PI (%)
						Depth (m)	N Value								
0															
1				Fine SAND, dark grey, dry, loose											
2				Fine SAND, dark grey, wet, loose to medium dense			5/30								
3															
4				Medium SAND, dark grey, wet, medium dense to dense			12/30								
5															
6							50/18								
7															
8				Medium SAND w/ some medium gravel, dark grey, wet, dense			50/17								
9															
10							50/10								
11															
12							50/8								
13				end of drilling at 12.0 m											
14															
15															
16															
17															
18															
19															
20															
21															
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23															
24															
25															
26															
27															
28															
29															
30															

- Undisturbed Sample (UDS)
- ▣ Disturbed Sample (UDS)
- ▤ Mazier Sample
- ▥ Piston Sample
- PP - Pocket Penetrometer
- LL - Liquid Limit
- PL - Plastic Limit
- PI - Plasticity Index

Bore Hole :
DB - 11



SUB SURFACE EXPLORATION LOG
ASTM D1586 – 11, SNI 4153-2008

DED Bandara Kulon Progo Yogyakarta



Client : PT. Angkasa Pura I
Location : Glagah
Easting : 397599 m
Northing : 9125701 m

Date Commenced : 25-Apr-17
Date Completed : 26-Apr-17
Bore Master : Aris
Field Engineer : Hasan Tri Atmojo

Weather : Cloudy
Drilling Rig : DM-01
Core Diameter : 73 mm
Water Depth : - 3.2 m

Depth (m)	Sample Type	USCS Classification	Graphic Log	Description	Field PP Test qt (kg/cm²)	N SPT			Unit Weight (kN/m³)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	LL (%)	PL (%)	PI (%)
						Depth (m)	N Value	Blow / cm								
0																
1																
2				Fine SAND, dark grey, moist, loose to medium dense												
3								15.34	0	89.88	10.12					
4				Fine SAND, dark grey, wet, medium dense												
5																
6				Coarse SAND, dark grey, wet, medium dense to very dense												
7								19.03	0	99.64	0.36					
8																
9																
10				Coarse SAND w/ few fine gravel, dark grey, wet, very dense												
11								14.25	0	99.62	0.38					
12																
13				end of drilling at 12.0 m												
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29																
30																

- Undisturbed Sample (UDS)
- Disturbed Sample (UDS)
- Mazier Sample
- Piston Sample
- PP - Pocket Penetrometer
- LL - Liquid Limit
- PL - Plastic Limit
- PI - Plasticity Index

Bore Hole :
DB - 32