

### BORING LOG

PT. SOILENS

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R01  
 ELEVATION : meter  
 COORDINATES : E = 394553.895; N = 9126608.299  
 DEPTH : 10 meter  
 GWL : 2.70 meter

DATE : 06-05-2018 to 06-05-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
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SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER $q_u$ (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)		
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm				
							10	20	30	40	40	80	
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slightly silt and shell fragment, medium dense.	0.00	-							
		SP			1.00	-	0.65	19/30					
					1.65	-	1.65	27/30					
					2.00	-	2.65	26/30					
					3.00	-	3.65	28/30					
	3.50			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	4.00	-	4.65	32/30					
		SP			5.00	-	5.65	50/27	N > 50				
					6.00	-	6.65	50/25	N > 50				
					7.00	-	7.65	50/28	N > 50				
					8.00	-	8.65	50/26	N > 50				
					9.00	-	9.65	50/25	N > 50				
	9.90			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	10.00	-							

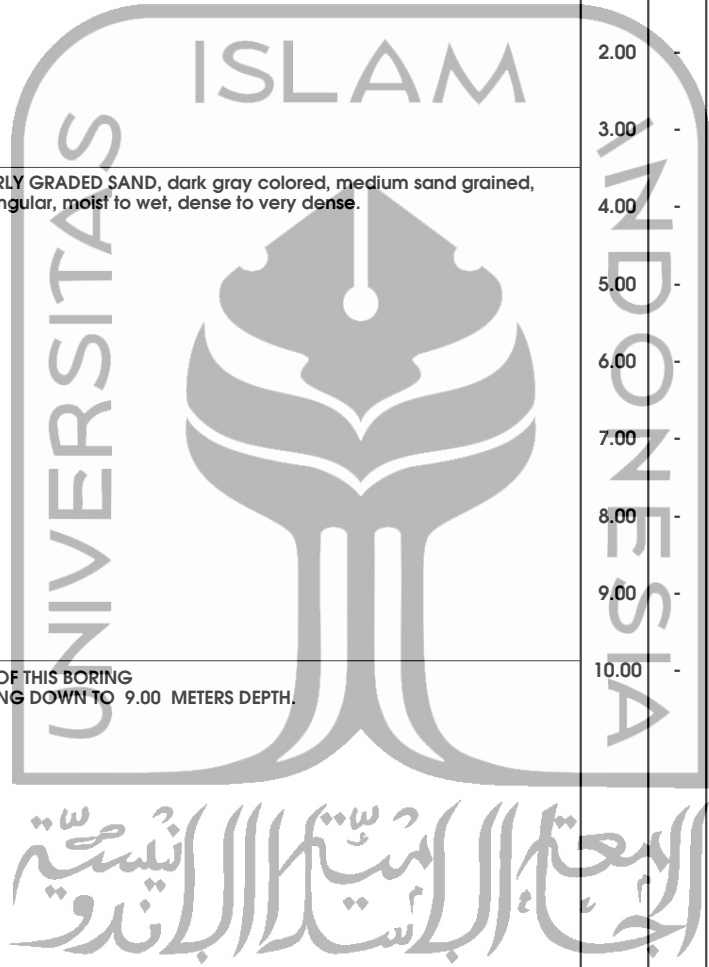
# BORING LOG

**PT. SOILENS**

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R02  
 ELEVATION : meter  
 COORDINATES : E = 394661.892; N = 9126582.993  
 DEPTH : 10 meter  
 GWL : 3.10 meter

DATE : 05-05-2018 to 05-05-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
 PAGE : 1 of 1

SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER qu (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)	
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm 10 20 30 40			
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slighty silt and shell fragment, medium dense.	0.00	-						
		SP			0.65	-	16/30					
					1.00	-						
					1.65	-	24/30					
					2.00	-						
					2.65	-	25/30					
	3.50			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	3.50	-						
		SP			3.65	-	35/30					
					4.00	-						
					4.65	-	32/30					
					5.00	-						
					5.65	-	50/29					N > 50
					6.00	-						
					6.65	-	50/19					N > 50
					7.00	-						
					7.65	-	48/30					
					8.00	-						
					8.65	-	50/29					N > 50
					9.00	-						
					9.65	-	50/23					N > 50
	9.88			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	10.00	-						



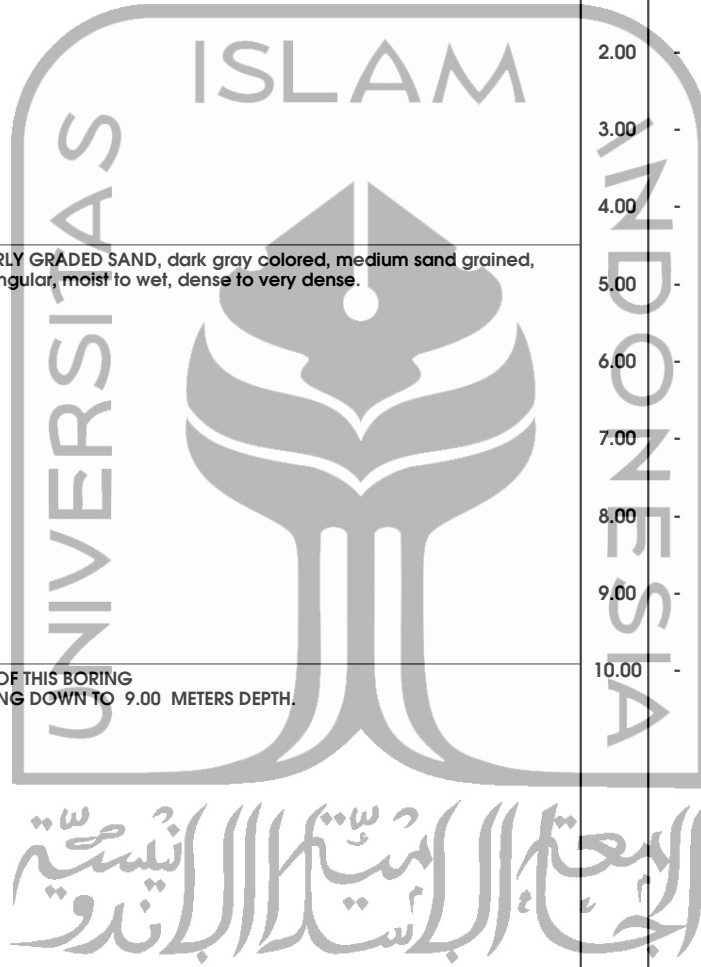
# BORING LOG

**PT. SOILENS**

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R03  
 ELEVATION : meter  
 COORDINATES : E = 394753.410; N = 9126542.463  
 DEPTH : 10 meter  
 GWL : 2.90 meter

DATE : 04-05-2018 to 04-05-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
 PAGE : 1 of 1

SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER qu (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)	
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm 10 20 30 40			
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slighty silt and shell fragment, medium dense to dense.	0.00	-						
		SP			0.65	-	11/30					
					1.00	-						
					1.65	-	16/30					
					2.00	-						
					2.65	-	21/30					
					3.00	-						
					3.65	-	31/30					
	4.50			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	4.00	-						
		SP			4.65	-	35/30					
					5.00	-						
					5.65	-	50/20				N > 50	
					6.00	-						
					6.65	-	50/19				N > 50	
					7.00	-						
					7.65	-	52/30				N > 50	
					8.00	-						
					8.65	-	50/25				N > 50	
					9.00	-						
	9.92			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	9.65	-	50/27				N > 50	
					10.00	-						



# BORING LOG

**PT. SOILENS**

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R04  
 ELEVATION : meter  
 COORDINATES : E = 394845.202; N = 9126502.278  
 DEPTH : 10 meter  
 GWL : 3.05 meter

DATE : 03-05-2018 to 03-05-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
 PAGE : 1 of 1

SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER qu (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)		
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm 10 20 30 40				
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slighty silt and shell fragment, medium dense.	0.00	-							
		SP					0.65	13/30					
					1.00								
					1.65			22/30					
					2.00								
					2.65			25/30					
	3.50			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, medium dense.	3.50								
		SP					3.65	25/30					
					4.00								
					4.65			27/30					
	5.00			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	5.00								
					5.65			47/30					
					6.00								
					6.65			50/17					N > 50
					7.00								
					7.65			52/30					N > 50
					8.00								
					8.65			50/25					N > 50
					9.00								
					9.65			50/23					N > 50
	9.88			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	10.00								

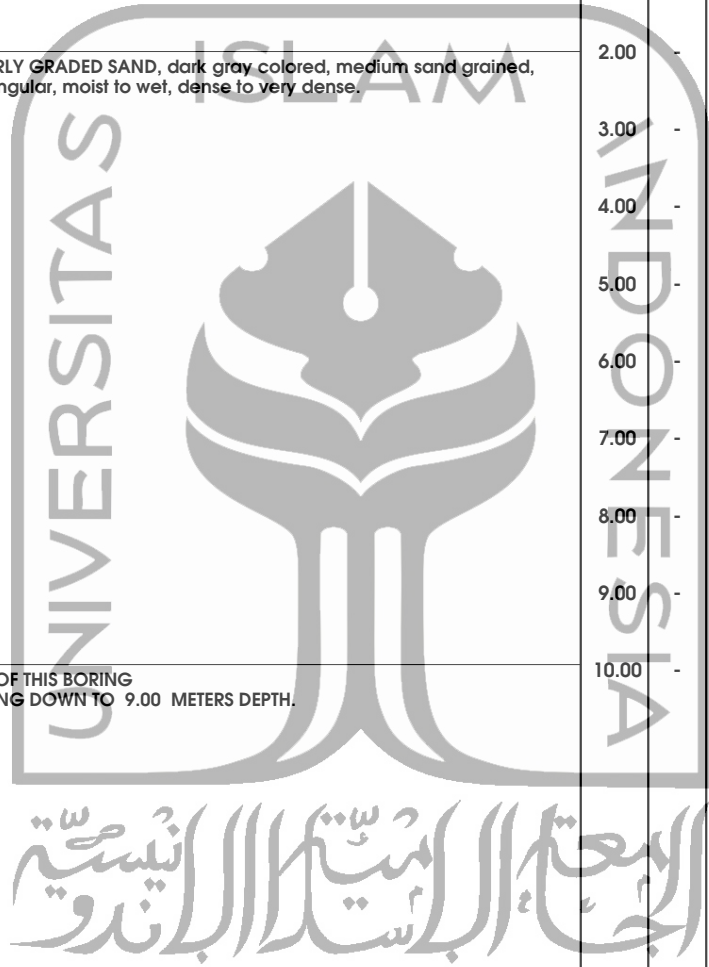
# BORING LOG

**PT. SOILENS**

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R05  
 ELEVATION : meter  
 COORDINATES : E = 395316.761; N = 9126335.977  
 DEPTH : 10 meter  
 GWL : 2.83 meter

DATE : 01-05-2018 to 01-05-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
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SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER qu (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)		
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm				
							10	20	30	40	40	80	
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slighty silt and shell fragment, medium dense.	0.00	-							
		SP			1.00	-	0.65	21/30					
	2.00			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	2.00	-	1.65	30/30					
		SP			3.00	-	2.65	31/30					
					4.00	-	3.65	35/30					
					5.00	-	4.65	36/30					
					6.00	-	5.65	50/25	N > 50				
					7.00	-	6.65	50/19	N > 50				
					8.00	-	7.65	50/19	N > 50				
					9.00	-	8.65	50/26	N > 50				
	9.93			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	9.93	-	9.65	50/28	N > 50				
					10.00	-							



# BORING LOG

**PT. SOILENS**

PROJECT : SOIL INVESTIGATION FOR NEW AIRPORT  
 : YOGYAKARTA PROJECT  
 CLIENT : PT. PP (PERSERO)  
 LOCATION : KULON PROGO  
 BOREHOLE NO. : SPT R06  
 ELEVATION : meter  
 COORDINATES : E = 395222.791; N = 9126370.177  
 DEPTH : 10 meter  
 GWL : 2.90 meter

DATE : 29-04-2018 to 29-04-2018  
 DRILLING METHOD : Wash Drilling  
 SAMPLING METHOD : -  
 SPT : Automatic Hammer  
 DRILLER : Aep R  
 LOGGER : Rajiv P  
 DRAWN : Rajiv P  
 REVIEWED BY :  
 PAGE : 1 of 1

SAMPLE	DEPTH (m)	USCS SYMBOL	GRAPHIC LOG	ROCK / SOIL DESCRIPTION	DEPTH (m)	PENETROMETER qu (kg/cm <sup>2</sup> )	STANDARD PENETRATION TEST				Recovery (%)	
							DEPTH (m)	Blows/ Penetr.	SPT Graphic Blows/30 cm 10 20 30 40			
	0.00			POORLY GRADED SAND, dark gray colored, fine sand grained, subangular, slighty silt and shell fragment, medium dense.	0.00	-						
		SP			0.65	-	19/30					
	2.00			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, medium dense.	1.00	-						
		SP			1.65	-	27/30					
					2.00	-						
					2.65	-	27/30					
					3.00	-						
					3.65	-	29/30					
	4.50			POORLY GRADED SAND, dark gray colored, medium sand grained, subangular, moist to wet, dense to very dense.	4.00	-						
					4.65	-	33/30					
					5.00	-						
					5.65	-	38/30					
					6.00	-						
					6.65	-	50/18					N > 50
					7.00	-						
					7.65	-	50/25					N > 50
					8.00	-						
					8.65	-	45/30					
					9.00	-						
	9.93			END OF THIS BORING CASING DOWN TO 9.00 METERS DEPTH.	9.65	-	50/28					N > 50
					10.00	-						

