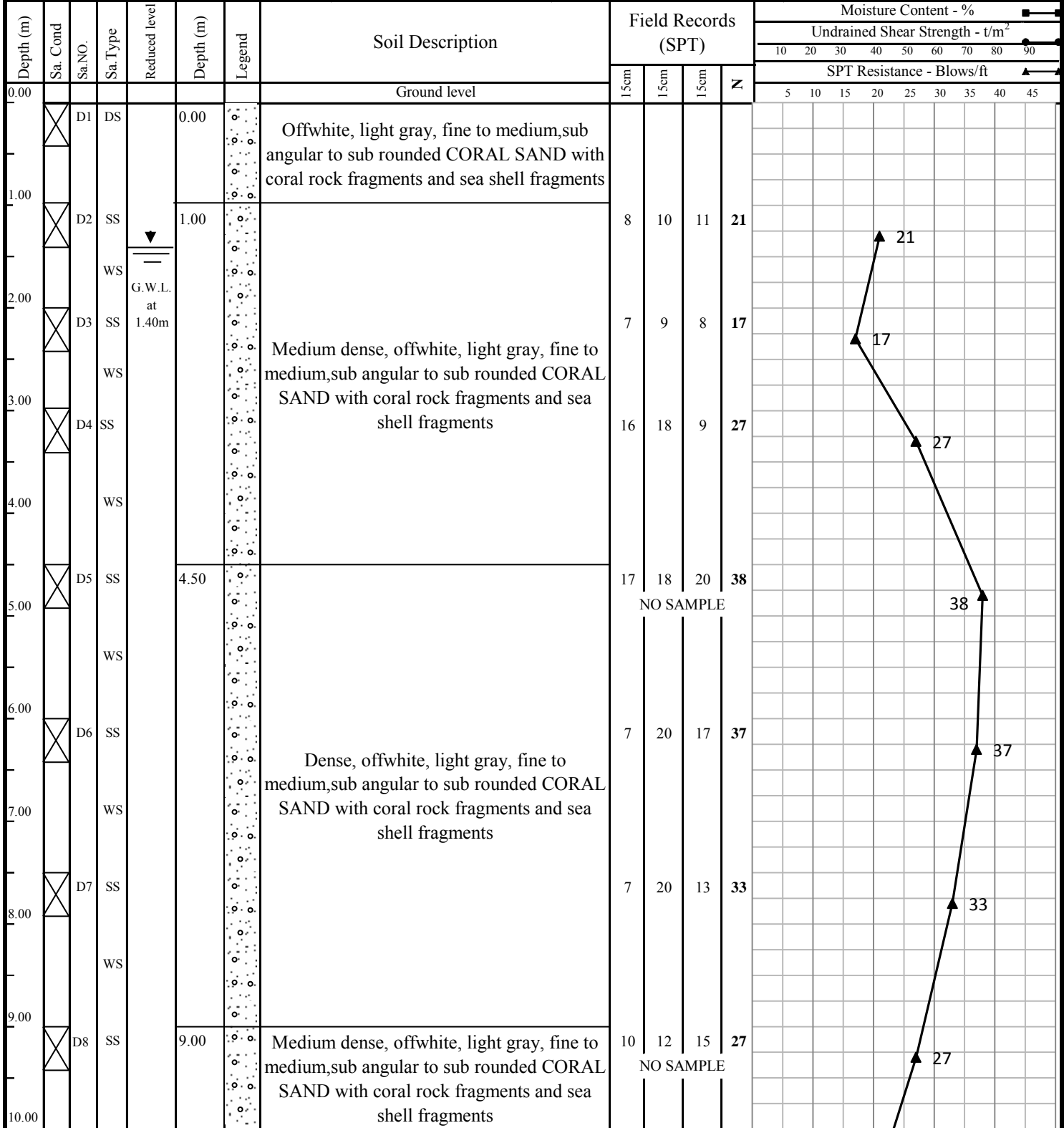











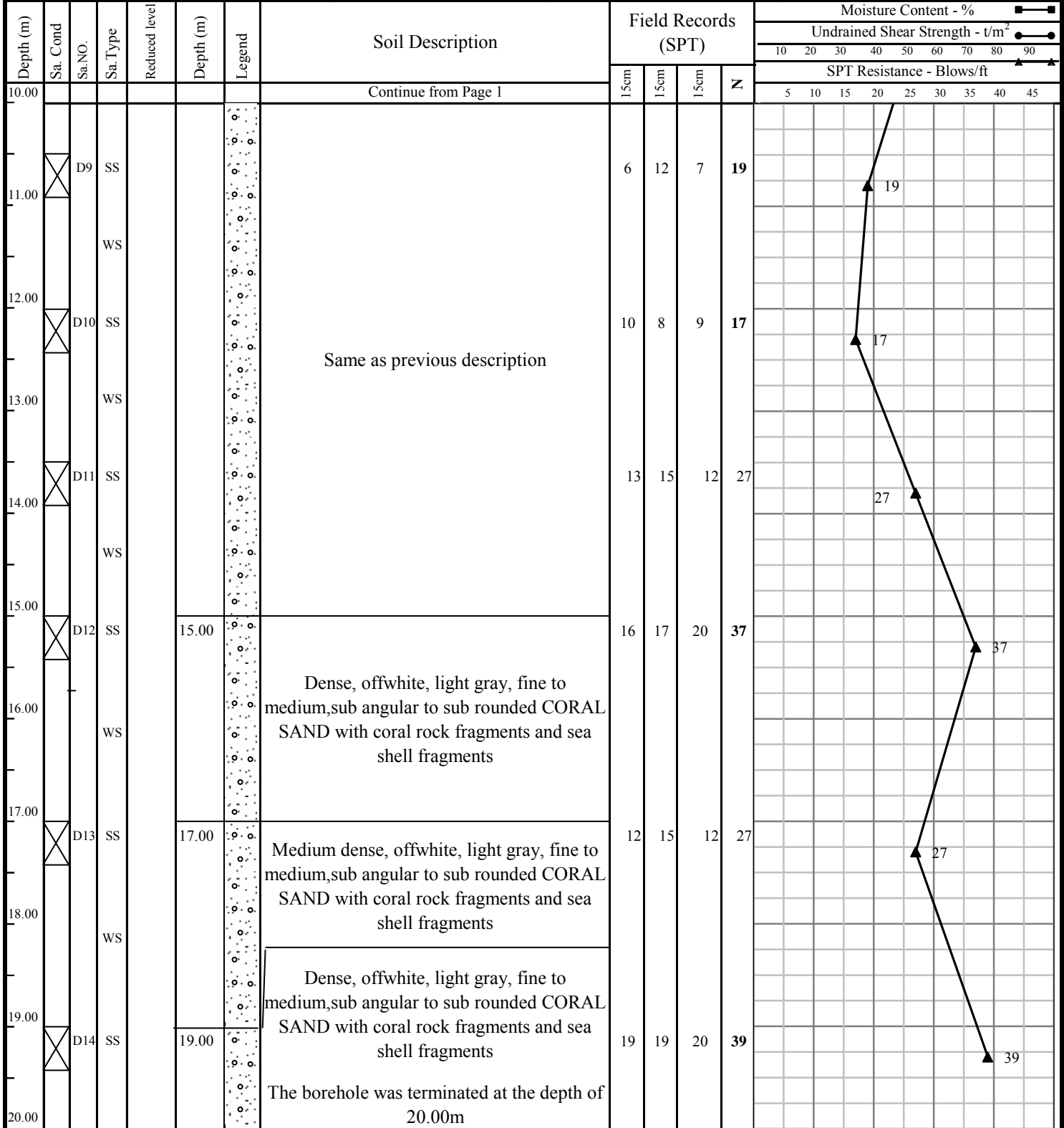


<b>Project</b>						Borehole No	1
<b>Client</b>						Sheet	1 of 2
Location		Rig	Joy	Core Diameter	54mm	Ground Water Level	1.40m
Date of Started		Drilling Method	Wash	Casing depth	15.00mm	Coordinates	
Date of Finished		Casing Diameter	76mm	Elevation (m)			














Sample Key / Test Key					Remarks	Logged By: _____
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)	N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test	C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content	Existing ground level considered as the zero level	
GWL	: Ground Water Level observed inside the Borehole, after the saturation					Supervised By: _____
NE	Not Encountered					Drilled By: _____
HB	-Hammer Bounce					
FD	- Free Down					
	Made Ground	 Silt	 Gravel	 Laterite Nodules	 Completely Weathered Rock	
	Clay	 Sand	 Organic Matter	 Silty Sand	 Highly Weathered Rock	Fresh Rock

<b>Project</b>						Borehole No	1
<b>Client</b>						Sheet	2 of 2
Location		Rig	Joy	Core Diameter	54mm	Ground Water Level	1.40m
Date of Started		Drilling Method	Wash	Casing depth	15.00mm	Coordinates	
Date of Finished		Casing Diameter	76mm	Elevation (m)			














Sample Key / Test Key					Remarks	Logged By: _____					
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample	N - Natural Moisture Content	C - Consolidation	Existing ground level considered as the zero level	Dimuthu					
		SS -SPT Sample	L - Atterberg Limit Test	UCT-Unconfined Compression		Supervised By: _____					
		W - Water Sample	G - Grain Size Analysis	CU - Consolidated Undrained		Prasad					
GWL	: Ground Water Level observed inside the Borehole, after the saturation	WS-Wgrey Sample	SG -Specific Gravity Test	UU-Unconsolidated Undrained		Drilled By: _____					
		UD- Undisturbed Sample	B - Bulk Density	pH - Chemical							
NE	Not Encountered	CS- Core Sample	V - Vane Shear Test	O - Organic content							
HB	-Hammer Bounce	Cr - Core Recovery (%)		SO <sub>4</sub> <sup>2-</sup> - Sulphate Content							
FD	- Free Down	RQD-Rock Quality Designation (%)		Cl <sup>-</sup> - Chloride Content		Nimal					
	Made Ground		Silt		Gravel		Laterite Nodules		Completely Weathered Rock		Fresh Rock
	Clay		Sand		Organic Matter		Silty Sand		Highly Weathered Rock		

[illegible]

Sample Key / Test Key					Remarks	Logged By :
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)	N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test	C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content	Existing ground level considered as the zero level	
GWL	: Ground Water Level observed inside the Borehole, after the saturation					Supervised By:
NE	Not Encountered					Drilled By:
HB	-Hammer Bounce					
FD	- Free Down					
	Made Ground	 Silt	 Gravel	 Laterite Nodules	 Completely Weathered Rock	
	Clay	 Sand	 Organic Matter	 Silty Sand	 Highly Weathered Rock	Fresh Rock

											Format No:													
Project									Borehole No		2													
Client									Sheet		2 of 2													
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m										
Date of Started				Drilling Method		Wash		Casing depth		18.00m		Coordinates												
Date of Finished				Casing Diameter		76mm		Elevation (m)																
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %												
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>												
													10	20	30	40	50	60	70	80	90			
														SPT Resistance - Blows/ft										
														5	10	15	20	25	30	35	40	45		
10.00							Continue from Page 1																	
11.00	X		D9	SS			Same as previous description	11	19	15	34													
				WS																				
12.00	X		D10	SS		12.00	Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments	6	8	11	19													
				WS					NO SAMPLE															
13.00																								
14.00	X		D11	SS			Dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments	9	9	10	19													
				WS																				
15.00	X		D12	SS		15.00	LIQUEFIED SAND	11	15	16	31													
				WS					SAND BOILING															
16.00																								
17.00	X		D13	SS		17.00	Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments	9	13	11	24													
				WS																				
18.00																								
19.00	X		D14	SS			The borehole was terminated at the depth of 20.00m	13	17	13	30													
20.00																								
Sample Key / Test Key													Remarks		Logged By:									
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)						D - Disturbed Sample		N - Natural Moisture Content		C - Consolidation		Existing ground level considered as the zero level		Supervised By:									
							SS -SPT Sample		L - Atterberg Limit Test		UCT-Unconfined Compression													
							W - Water Sample		G - Grain Size Analysis		CU - Consolidated Undrained													
GWL	: Ground Water Level observed inside the Borehole, after the saturation						WS-Wgrey Sample		SG -Specific Gravity Test		UU-Unconsolidated Undrained													
NE	Not Encountered						UD- Undisturbed Sample		B - Bulk Density		pH - Chemical													
HB	-Hammer Bounce						CS- Core Sample		V - Vane Shear Test		O - Organic content		Drilled By:											
FD	- Free Down						Cr - Core Recovery (%)		SO <sub>4</sub> <sup>2-</sup> - Sulphate Content		CI - Chloride Content													
							RQD-Rock Quality Designation (%)																	
	Made Ground		Silt		Gravel		Laterite Nodules		Completely Weathered Rock		Fresh Rock													
	Clay		Sand		Organic Matter		Silty Sand		Highly Weathered Rock															

[illegible]

Sample Key / Test Key					Remarks	Logged By :
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)	N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test	C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content	Existing ground level considered as the zero level	
GWL	: Ground Water Level observed inside the Borehole, after the saturation					Supervised By:
NE	Not Encountered					Drilled By:
HB	-Hammer Bounce					
FD	- Free Down					
	Made Ground	 Silt	 Gravel	 Laterite Nodules	 Completely Weathered Rock	
	Clay	 Sand	 Organic Matter	 Silty Sand	 Highly Weathered Rock	Fresh Rock

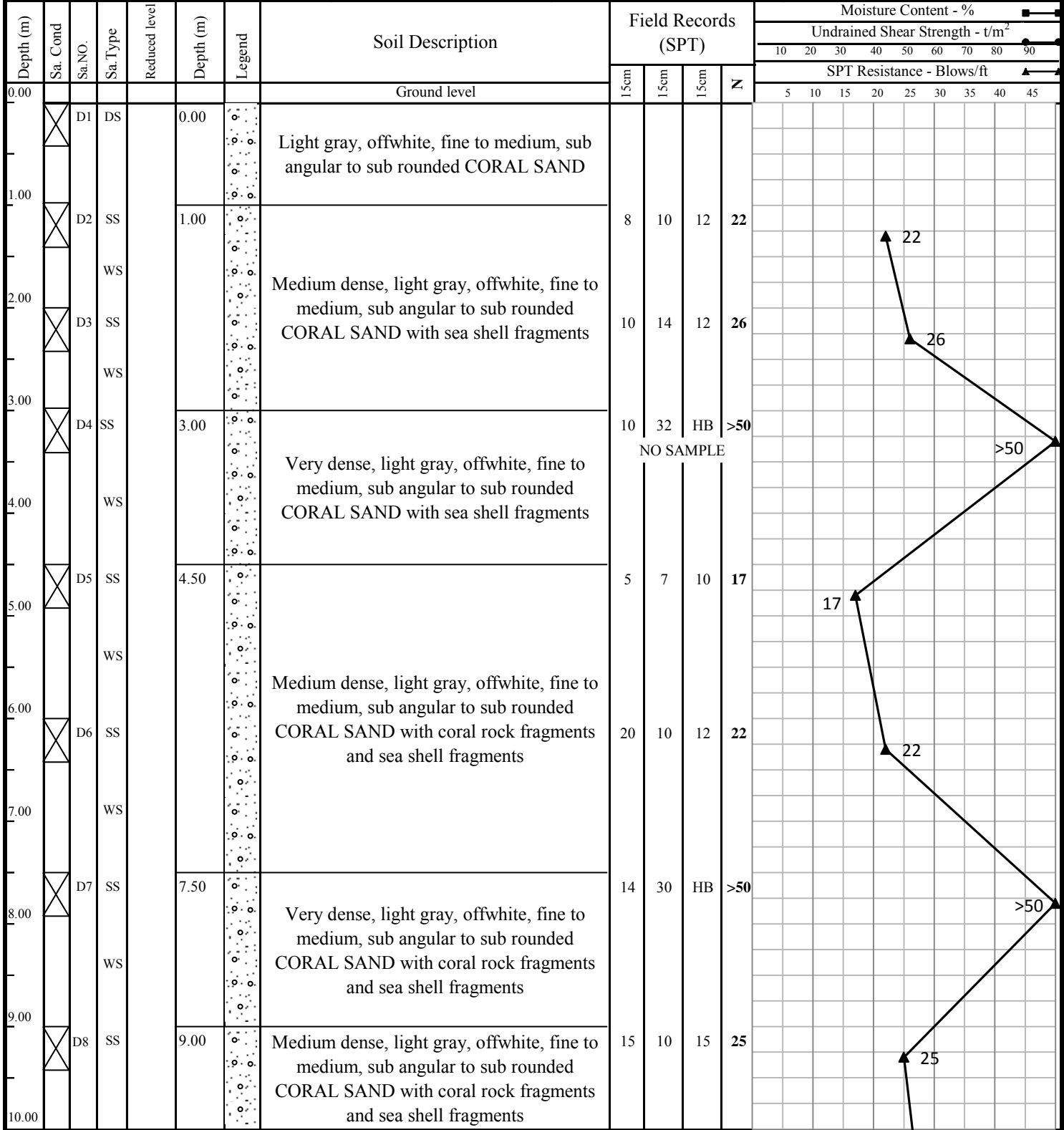
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Project									Borehole No		3													
Client									Sheet		2 of 2													
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m										
Date of Started				Drilling Method		Wash		Casing depth		18.00m		Coordinates												
Date of Finished				Casing Diameter		176mm		Elevation (m)																
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %												
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>												
												10 20 30 40 50 60 70 80 90												
												SPT Resistance - Blows/ft												
												5 10 15 20 25 30 35 40 45												
10.00							Continue from Page 1	15cm	15cm	15cm	N													
11.00	X		D9 SS				Same as previous description	10	7	9	16	16												
12.00	X		D10 SS					9	9	8	17	17												
13.00			WS																					
14.00	X		D11 SS					10	12	13	25	25												
15.00	X		D12 SS		15.00		Very dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments  LIQUEFIED SAND	HB			>50	>50												
16.00			WS																					
17.00	X		D13 SS		17.00		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	17	15	12	27	27												
18.00			WS																					
19.00	X		D14 SS				The borehole was terminated at the depth of 20.00m	10	11	13	24	24												
20.00																								
Sample Key / Test Key												Remarks		Logged By:										
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)					D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)					N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test					C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content					Existing ground level considered as the zero level		Supervised By:	
GWL	: Ground Water Level observed inside the Borehole, after the saturation																				Drilled By:			
NE	Not Encountered																							
HB	-Hammer Bounce																							
FD	- Free Down																							
	Made Ground		Silt		Gravel		Laterite Nodules		Completely Weathered Rock		Fresh Rock													
	Clay		Sand		Organic Matter		Silty Sand		Highly Weathered Rock															












												Format No:			
Project												Borehole No		4	
Client												Sheet		1 of 2	
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m	
Date of Started				Drilling Method		Wash		Casing depth		20.00m		Coordinates			
Date of Finished				Casing Diameter		76mm		Elevation (m)							
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %			
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>			
													10 20 30 40 50 60 70 80 90		
													SPT Resistance - Blows/ft		
													5 10 15 20 25 30 35 40 45		
0.00							Ground level								
		D1	DS		0.00		Offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments								
1.00		D2	SS		1.00			2	4	7	11		11		
			WS												
2.00		D3	SS					3	5	8	13		13		
			WS												
3.00		D4	SS					7	8	10	18		18		
			WS												
4.00			WS				Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments								
5.00		D5	SS					8	7	13	20		20		
			WS												
6.00		D6	SS					9	10	9	19		19		
			WS												
7.00			WS												
8.00		D7	SS		7.50		Dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	15	17	18	35		35		
			WS												
9.00		D8	SS		9.00		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	9	10	12	22		22		
10.00															
Sample Key / Test Key												Remarks		Logged By:	
SPT		Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)				D - Disturbed Sample		N - Natural Moisture Content		C - Consolidation		Existing ground level considered as the zero level		Supervised By:	
GWL		: Ground Water Level observed inside the Borehole, after the saturation				SS -SPT Sample		L - Atterberg Limit Test		UCT-Unconfined Compression					
NE		Not Encountered				W - Water Sample		G - Grain Size Analysis		CU - Consolidated Undrained					
HB		-Hammer Bounce				WS-Wgrey Sample		SG -Specific Gravity Test		UU-Unconsolidated Undrained					
FD		- Free Down				UD- Undisturbed Sample		B - Bulk Density		pH - Chemical				Drilled By:	
						CS- Core Sample		V - Vane Shear Test		O - Organic content					
						Cr - Core Recovery (%)				SO <sub>4</sub> <sup>2-</sup> - Sulphate Content					
						RQD-Rock Quality Designation (%)				Cl- Chloride Content					

											Format No:						
Project									Borehole No		4						
Client									Sheet		2 of 2						
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m			
Date of Started				Drilling Method		Wash		Casing depth		20.00m		Coordinates					
Date of Finished				Casing Diameter		76mm		Elevation (m)									
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %					
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>					
						10 20 30 40 50 60 70 80 90											
												SPT Resistance - Blows/ft					
												5 10 15 20 25 30 35 40 45					
10.00							Continue from Page 1	15cm	15cm	15cm	N						
							Same as previous description										
11.00	X	D9	SS		10.50		Dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	12	14	18	32	32					
12.00	X	D10	SS		12.00		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments	5	10	9	19	19					
13.00			WS				LIQUEFIED SAND										
14.00	X	D11	SS		13.50			8	12	15	27	27					
15.00	X	D12	SS					7	8	21	29	29					
16.00			WS				Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments										
17.00	X	D13	SS					12	13	12	25	25					
18.00			WS														
19.00	X	D14	SS					10	12	14	26	26					
20.00							The borehole was terminated at the depth of 20.00m										
Sample Key / Test Key													Remarks		Logged By:		
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)						D - Disturbed Sample		N - Natural Moisture Content		C - Consolidation		Existing ground level considered as the zero level		Supervised By:		
							SS -SPT Sample		L - Atterberg Limit Test		UCT-Unconfined Compression						
							W - Water Sample		G - Grain Size Analysis		CU - Consolidated Undrained						
GWL	: Ground Water Level observed inside the Borehole, after the saturation						WS-Wgrey Sample		SG -Specific Gravity Test		UU-Unconsolidated Undrained						
NE	Not Encountered						UD- Undisturbed Sample		B - Bulk Density		pH - Chemical						
HB	-Hammer Bounce						CS- Core Sample		V - Vane Shear Test		O - Organic content		Drilled By:				
FD	- Free Down						Cr - Core Recovery (%)		SO <sub>4</sub> <sup>2-</sup> - Sulphate Content		CI- Chloride Content						
							RQD-Rock Quality Designation (%)										
	Made Ground		Silt		Gravel		Laterite Nodules		Completely Weathered Rock								
	Clay		Sand		Organic Matter		Silty Sand		Highly Weathered Rock				Fresh Rock				

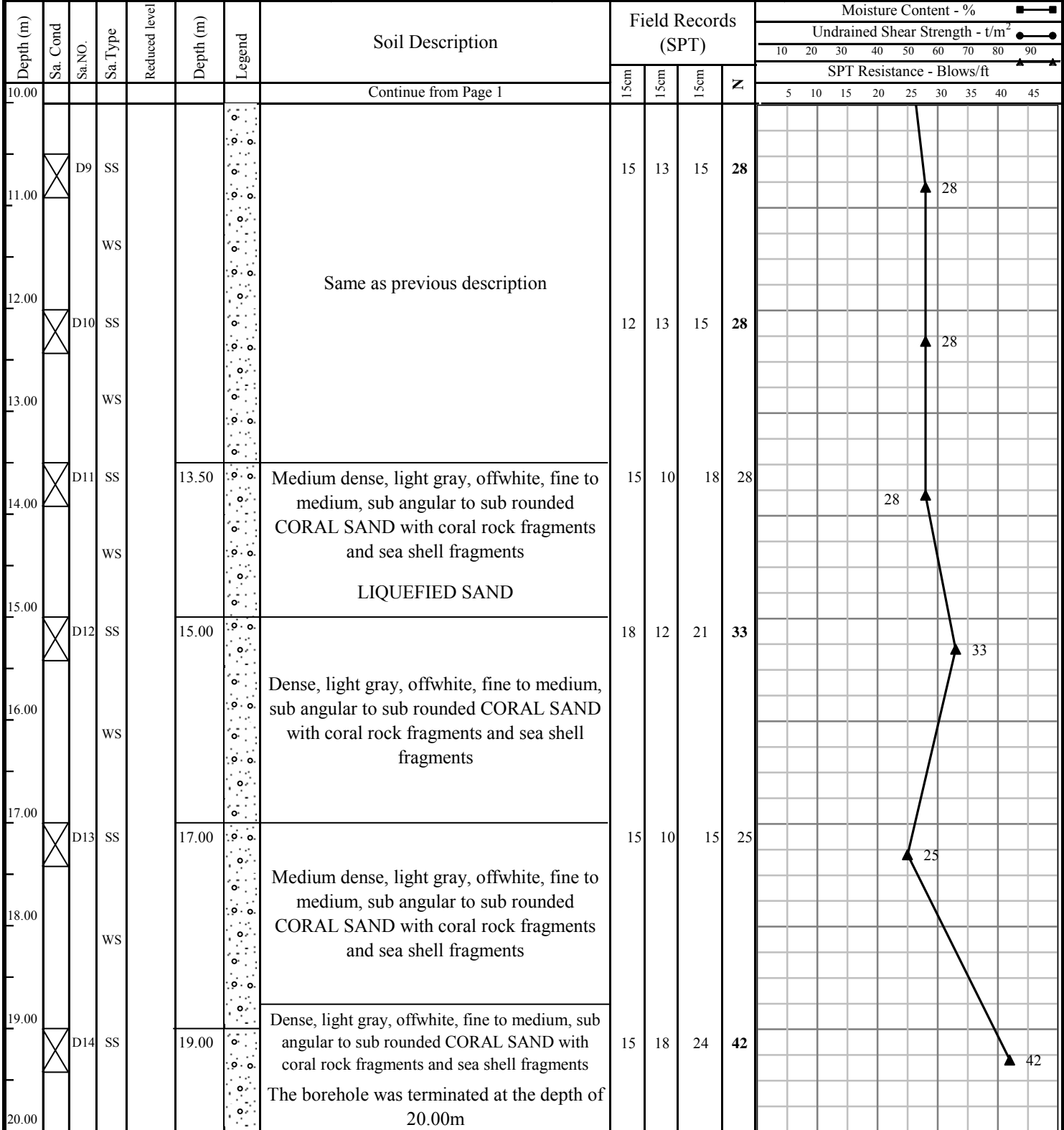













<b>Project</b>						Borehole No	5
<b>Client</b>						Sheet	1 of 2
Location		Rig	Joy	Core Diameter	54mm	Ground Water Level	1.40m
Date of Started		Drilling Method	Wash	Casing depth	18.00m	Coordinates	
Date of Finished		Casing Diameter	76mm	Elevation (m)			



Sample Key / Test Key					Remarks	Logged By :
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)	N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test	C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content	Existing ground level considered as the zero level	
GWL	: Ground Water Level observed inside the Borehole, after the saturation					Supervised By:
NE	Not Encountered					Drilled By:
HB	-Hammer Bounce					
FD	- Free Down					
	Made Ground	 Silt	 Gravel	 Laterite Nodules	 Completely Weathered Rock	
	Clay	 Sand	 Organic Matter	 Silty Sand	 Highly Weathered Rock	Fresh Rock

<b>Project</b>						Borehole No	5
<b>Client</b>						Sheet	2 of 2
Location		Rig	Joy	Core Diameter	54mm	Ground Water Level	1.40m
Date of Started		Drilling Method	Wash	Casing depth	18.00m	Coordinates	
Date of Finished		Casing Diameter	76mm	Elevation (m)			



Sample Key / Test Key					Remarks	Logged By :
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)	D - Disturbed Sample	N - Natural Moisture Content	C - Consolidation	Existing ground level considered as the zero level	
		SS -SPT Sample	L - Atterberg Limit Test	UCT-Unconfined Compression		Supervised By:
		W - Water Sample	G - Grain Size Analysis	CU - Consolidated Undrained		
GWL	: Ground Water Level observed inside the Borehole, after the saturation	WS-Wgrey Sample	SG -Specific Gravity Test	UU-Unconsolidated Undrained		
		UD- Undisturbed Sample	B - Bulk Density	pH - Chemical		
NE	Not Encountered	CS- Core Sample	V - Vane Shear Test	O - Organic content		Drilled By:
HB	-Hammer Bounce	Cr - Core Recovery (%)		SO <sub>4</sub> <sup>2-</sup> - Sulphate Content		
FD	- Free Down	RQD-Rock Quality Designation (%)		Cl <sup>-</sup> - Chloride Content		
	Made Ground	 Silt	 Gravel	 Laterite Nodules	 Completely Weathered Rock	
	Clay	 Sand	 Organic Matter	 Silty Sand	 Highly Weathered Rock	Fresh Rock

											Format No:						
Project									Borehole No		6						
Client									Sheet		1 of 2						
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m			
Date of Started				Drilling Method		Wash		Casing depth		18.00m		Coordinates					
Date of Finished				Casing Diameter		76mm		Elevation (m)									
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %					
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>					
													10 20 30 40 50 60 70 80 90				
													SPT Resistance - Blows/ft				
													5 10 15 20 25 30 35 40 45				
0.00							Ground level										
		D1	DS		0.00		Offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments										
1.00		D2	SS		1.00		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND sea shell fragments	3	6	12	18			18			
2.00			WS														
		D3	SS					5	10	9	19				19		
			WS														
3.00		D4	SS		3.00			10	9	6	15			15			
4.00			WS														
		D5	SS					11	9	12	21				18		
			WS														
5.00							Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND coral rock fragments and sea shell fragments										
6.00		D6	SS					13	15	11	26				26		
7.00			WS														
		D7	SS					10	11	9	20				20		
8.00			WS														
		D8	SS					13	9	8	18				18		
9.00																	
10.00																	
Sample Key / Test Key														Remarks		Logged By:	
SPT		Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)				D - Disturbed Sample		N - Natural Moisture Content		C - Consolidation		Existing ground level considered as the zero level		Supervised By:			
GWL		: Ground Water Level observed inside the Borehole, after the saturation				SS -SPT Sample		L - Atterberg Limit Test		UCT-Unconfined Compression							
NE		Not Encountered				W - Water Sample		G - Grain Size Analysis		CU - Consolidated Undrained							
HB		-Hammer Bounce				WS-Wgrey Sample		SG -Specific Gravity Test		UU-Unconsolidated Undrained							
FD		- Free Down				UD- Undisturbed Sample		B - Bulk Density		pH - Chemical		Fresh Rock		Drilled By:			
						CS- Core Sample		V - Vane Shear Test		O - Organic content							
						Cr - Core Recovery (%)				SO <sub>4</sub> <sup>2-</sup> - Sulphate Content							
						RQD-Rock Quality Designation (%)				Cl - Chloride Content							
		Made Ground						Silt				Gravel				Laterite Nodules	
		Clay						Sand				Organic Matter				Silty Sand	
								Completely Weathered Rock				Highly Weathered Rock					

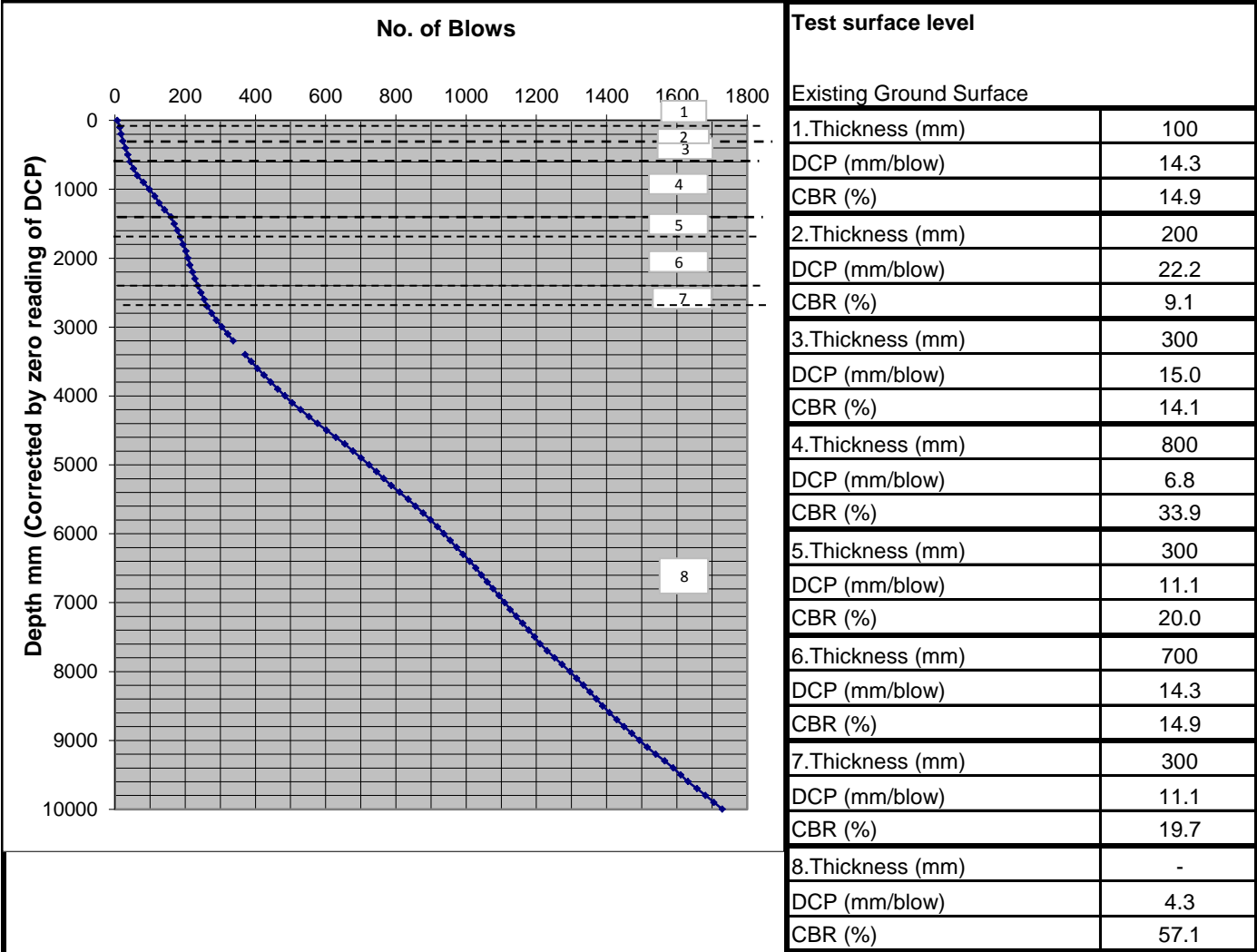
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Project									Borehole No		6							
Client									Sheet		2 of 2							
Location				Rig		Joy		Core Diameter		54mm		Ground Water Level		1.40m				
Date of Started				Drilling Method		Wash		Casing depth		18.00m		Coordinates						
Date of Finished				Casing Diameter		76mm		Elevation (m)										
Depth (m)	Sa. Cond	Sa. NO.	Sa. Type	Reduced level	Depth (m)	Legend	Soil Description	Field Records (SPT)				Moisture Content - %						
								15cm	15cm	15cm	N	Undrained Shear Strength - t/m <sup>2</sup>						
												10 20 30 40 50 60 70 80 90						
												SPT Resistance - Blows/ft						
												5 10 15 20 25 30 35 40 45						
10.00							Continue from Page 1	15cm	15cm	15cm	N							
11.00	X		D9 SS				Same as previous description	11	9	11	20	20						
12.00			WS															
12.00	X		D10 SS		12.00		Very dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	29	HB		>50	>50						
13.00			WS															
14.00	X		D11 SS		13.50		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded CORAL SAND with coral rock fragments and sea shell fragments	12	10	13	23	23						
15.00			WS															
15.00	X		D12 SS		15.00		Medium dense, offwhite, light gray, fine to medium,sub angular to sub rounded, slightly silty CORAL SAND with coral rock fragments and sea shell fragments	10	12	14	26	26						
16.00			WS															
17.00	X		D13 SS					15	11	10	21	21						
18.00			WS															
19.00	X		D14 SS					10	13	9	22	22						
20.00							The borehole was terminated at the depth of 20.00m											
Sample Key / Test Key													Remarks		Logged By:			
SPT	Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)					D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%) RQD-Rock Quality Designation (%)			N - Natural Moisture Content L - Atterberg Limit Test G - Grain Size Analysis SG -Specific Gravity Test B - Bulk Density V - Vane Shear Test			C - Consolidation UCT-Unconfined Compression CU - Consolidated Undrained UU-Unconsolidated Undrained pH - Chemical O - Organic content SO <sub>4</sub> <sup>2-</sup> - Sulphate Content Cl <sup>-</sup> - Chloride Content			Existing ground level considered as the zero level		Supervised By:	
GWL	: Ground Water Level observed inside the Borehole, after the saturation																Drilled By:	
NE	Not Encountered																	
HB	-Hammer Bounce																	
FD	- Free Down																	
Made Ground		Silt		Gravel		Laterite Nodules		Completely Weathered Rock		Fresh Rock								
Clay		Sand		Organic Matter		Silty Sand		Highly Weathered Rock										

## **Annexure II: Results of Dynamic Cone Penetration Test**

	<b>DYNAMIC CONE PENETROMETER TEST</b>		Test Format No:	
	<b>TEST METHOD - ASTM D 6951-09</b>		Revision No.	00
Project data:				
Client:				
Project:				
Sample data:				
Elevation:	-	Lab Ref. No.:		
Test No:	01	Date of Testing		
		Date of Report		
Test Data:				
<div><p>No. of Blows</p><p>Depth mm (Corrected by zero reading of DCP)</p></div>		Test surface level		
		Existing Ground Surface		
		1.Thickness (mm)	200	
		DCP (mm/blow)	9.1	
		CBR (%)	24.6	
		2.Thickness (mm)	-	
		DCP (mm/blow)	5.1	
CBR (%)	47.3			
<p>Note: Average value of CBR for each layer was calculated using the correlation established under TRRL, Road Note 8 (60<sup>0</sup>)</p>				
Tested by:	Checked by:	Certified By:		
.....	.....	.....		

<div>DYNAMIC CONE PENETROMETER TEST TEST METHOD - ASTM D 6951-09</div>		<div>Test Format No:</div>																															
		<div>Revision No.</div>	00																														
Project data:																																	
<div>Client:</div>																																	
<div>Project:</div>																																	
Sample data:																																	
<div>Elevation:</div>	-	<div>Lab Ref. No.:</div>																															
<div>Test No:</div>		<div>Date of Testing</div>																															
		<div>Date of Report</div>																															
Test Data:																																	
<div>No. of Blows</div> <div>020040060080010001200140016001800</div> <div>010002000300040005000600070008000900010000</div> <div>Depth mm (Corrected by zero reading of DCP)</div>		<div>Test surface level</div> <div>Existing Ground Surface</div> <table><tr><td>1.Thickness (mm)</td><td>400</td></tr><tr><td>DCP (mm/blow)</td><td>15.4</td></tr><tr><td>CBR (%)</td><td>13.7</td></tr><tr><td>2.Thickness (mm)</td><td>500</td></tr><tr><td>DCP (mm/blow)</td><td>8.2</td></tr><tr><td>CBR (%)</td><td>27.7</td></tr><tr><td>3.Thickness (mm)</td><td>1000</td></tr><tr><td>DCP (mm/blow)</td><td>5.3</td></tr><tr><td>CBR (%)</td><td>45.5</td></tr><tr><td>4.Thickness (mm)</td><td>700</td></tr><tr><td>DCP (mm/blow)</td><td>15.9</td></tr><tr><td>CBR (%)</td><td>13.2</td></tr><tr><td>5.Thickness (mm)</td><td>-</td></tr><tr><td>DCP (mm/blow)</td><td>5.3</td></tr><tr><td>CBR (%)</td><td>44.7</td></tr></table>		1.Thickness (mm)	400	DCP (mm/blow)	15.4	CBR (%)	13.7	2.Thickness (mm)	500	DCP (mm/blow)	8.2	CBR (%)	27.7	3.Thickness (mm)	1000	DCP (mm/blow)	5.3	CBR (%)	45.5	4.Thickness (mm)	700	DCP (mm/blow)	15.9	CBR (%)	13.2	5.Thickness (mm)	-	DCP (mm/blow)	5.3	CBR (%)	44.7
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<div>Note: Average value of CBR for each layer was calculated using the correlation established under TRRL, Road Note 8 (60<sup>0</sup>)</div>																																	
<div>Tested by:</div> <div>.....</div>	<div>Checked by:</div> <div>.....</div>	<div>Certified By:</div> <div>.....</div>																															

	<b>DYNAMIC CONE PENETROMETER TEST</b>		<b>Test Format No:</b>	
	<b>TEST METHOD - ASTM D 6951-09</b>		<b>Revision No.</b>	<b>00</b>
<b>Project data:</b>				
<b>Client:</b>				
<b>Project:</b>				
<b>Sample data:</b>				
<b>Elevation:</b>	-	<b>Lab Ref. No.:</b>		
<b>Test No:</b>	03	<b>Date of Testing</b>		
		<b>Date of Report</b>		
<b>Test Data:</b>				

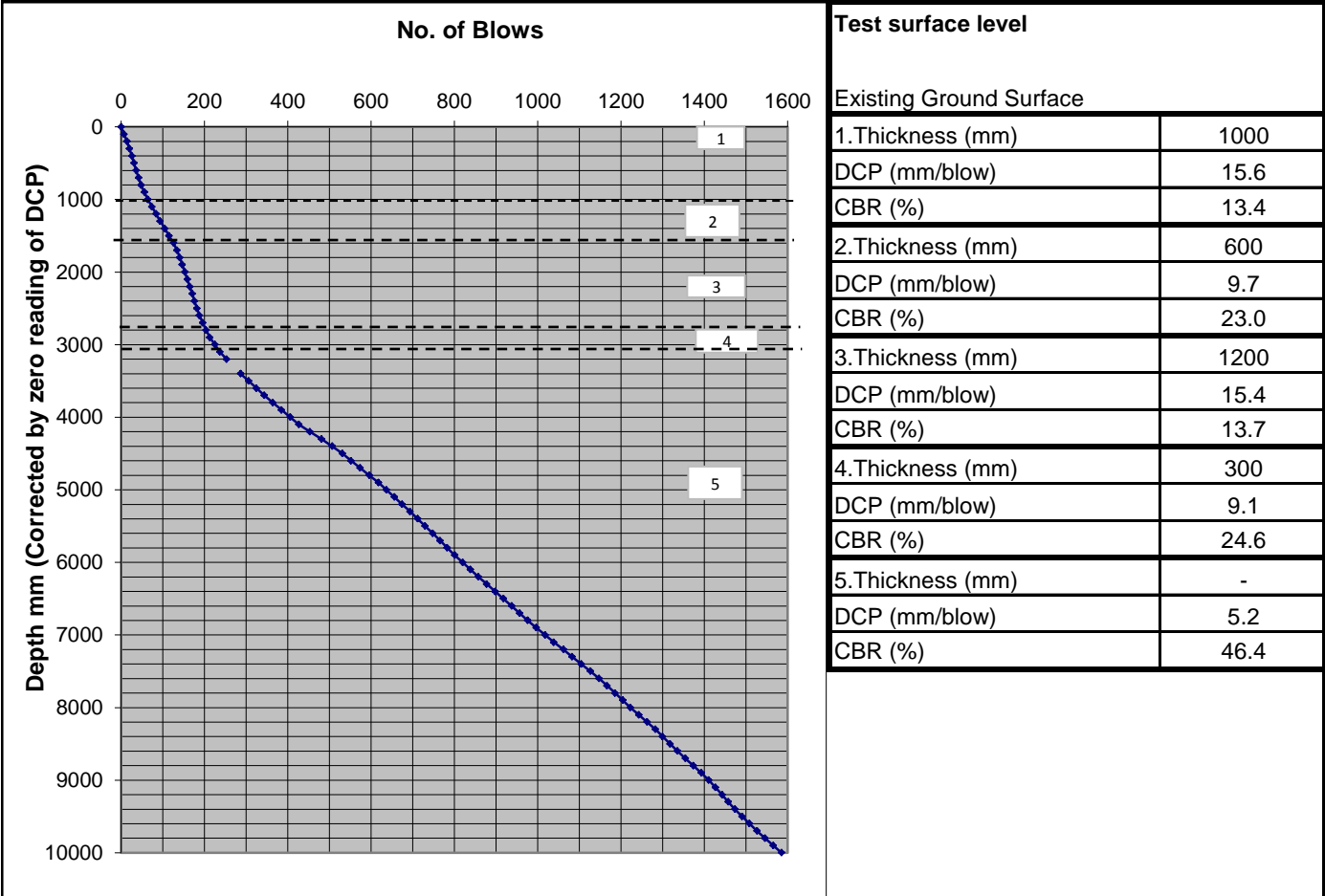


**Note:** Average value of CBR for each layer was calculated using the correlation established under TRRL, Road Note 8 (60<sup>0</sup>)

<b>Tested by:</b>	<b>Checked by:</b>	<b>Certified By:</b>
.....	.....	.....



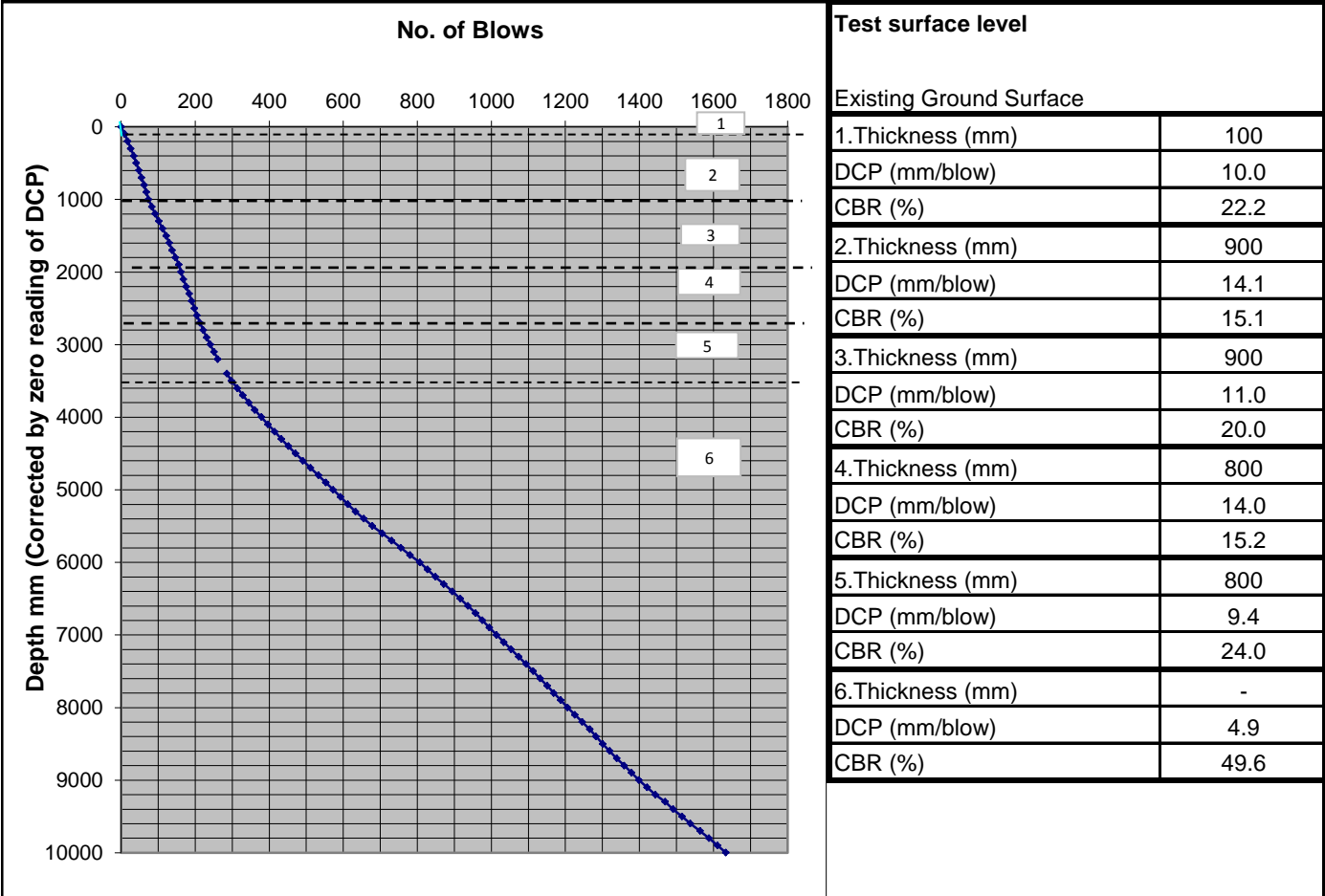
	<b>DYNAMIC CONE PENETROMETER TEST</b> <b>TEST METHOD - ASTM D 6951-09</b>	Test Format No:	
		Revision No.	00
Project data:			
Client:			
Project:			
Sample data:			
Elevation:	-	Lab Ref. No.:	
Test No:		Date of Testing	
		Date of Report	
Test Data:			



Note: Average value of CBR for each layer was calculated using the correlation establised under TRRL, Road Note 8 (60<sup>0</sup>)

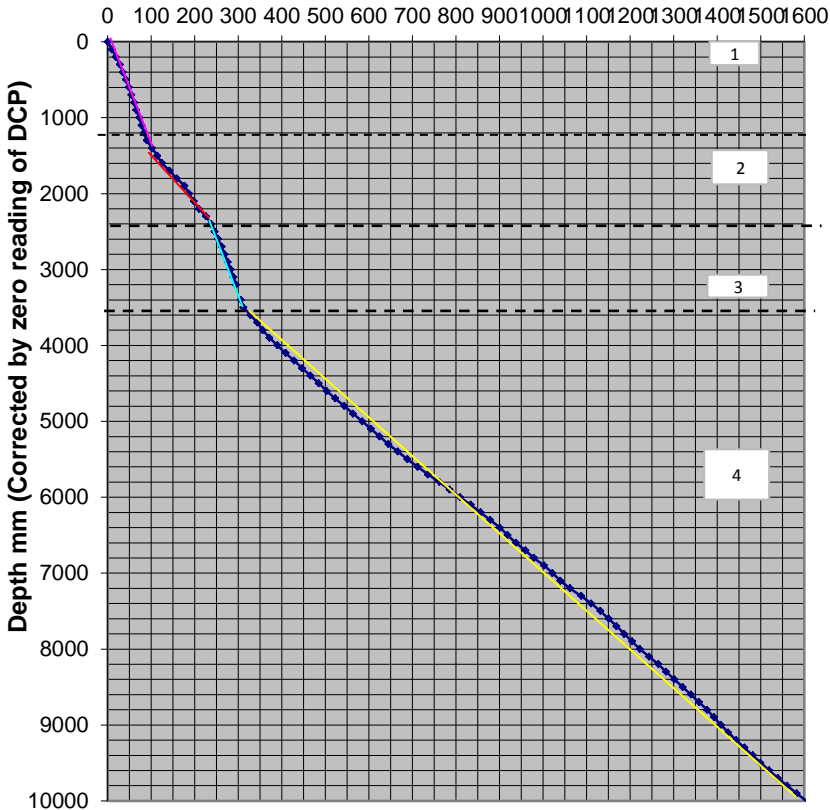
Tested by:	Checked by:	Certified By:
.....	.....	.....

	<b>DYNAMIC CONE PENETROMETER TEST</b> <b>TEST METHOD - ASTM D 6951-09</b>	Test Format No:	
		Revision No.	00
Project data:			
Client:			
Project:			
Sample data:			
Elevation:	-	Lab Ref. No.:	
Test No:		Date of Testing	
		Date of Report	
Test Data:			



Note: Average value of CBR for each layer was calculated using the correlation establised under TRRL, Road Note 8 (60<sup>0</sup>)

Tested by:	Checked by:	Certified By:
.....	.....	.....

<div>DYNAMIC CONE PENETROMETER TEST TEST METHOD - ASTM D 6951-09</div>		<div>Test Format No:</div>																									
		<div>Revision No.</div>	00																								
Project data:																											
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		<div>Date of Report</div>																									
Test Data:																											
<div>No. of Blows</div> <div></div>		<div>Test surface level</div> <div>Existing Ground Surface</div> <table><tr><td>1.Thickness (mm)</td><td>1300</td></tr><tr><td>DCP (mm/blow)</td><td>14.4</td></tr><tr><td>CBR (%)</td><td>14.7</td></tr><tr><td>2.Thickness (mm)</td><td>1100</td></tr><tr><td>DCP (mm/blow)</td><td>7.4</td></tr><tr><td>CBR (%)</td><td>30.9</td></tr><tr><td>3.Thickness (mm)</td><td>1100</td></tr><tr><td>DCP (mm/blow)</td><td>14.9</td></tr><tr><td>CBR (%)</td><td>14.2</td></tr><tr><td>4.Thickness (mm)</td><td>-</td></tr><tr><td>DCP (mm/blow)</td><td>5.0</td></tr><tr><td>CBR (%)</td><td>47.9</td></tr></table>		1.Thickness (mm)	1300	DCP (mm/blow)	14.4	CBR (%)	14.7	2.Thickness (mm)	1100	DCP (mm/blow)	7.4	CBR (%)	30.9	3.Thickness (mm)	1100	DCP (mm/blow)	14.9	CBR (%)	14.2	4.Thickness (mm)	-	DCP (mm/blow)	5.0	CBR (%)	47.9
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DCP (mm/blow)	5.0																										
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<div>Tested by:</div> <div>.....</div>	<div>Checked by:</div> <div>.....</div>	<div>Certified By:</div> <div>.....</div>																									