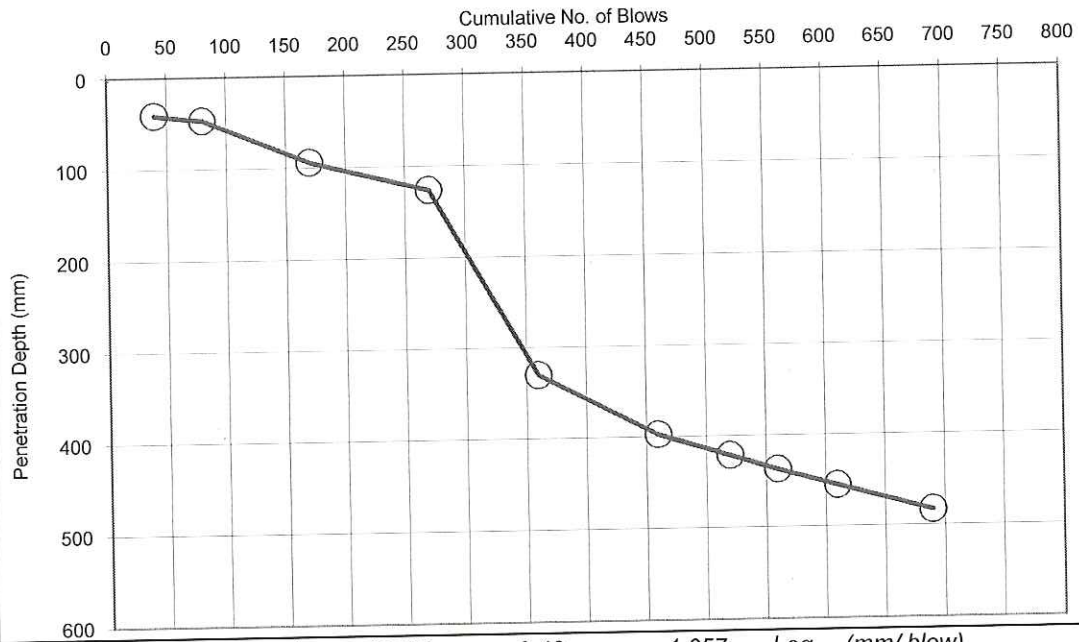




TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/1
Project Client	PDO	DCP Test Ref.	Test-01
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Midhun	Test Location GPS N:	Not Given
Layer being tested	Front of Gate Right	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10} (CBR) = 2.48 - 1.057 \log_{10} (mm/blow)$

Modulus of Subgrade Reaction, $EM = 17.6 \times (CBR)^{0.64}$

Layer Characteristics as Determined by the DCP Test

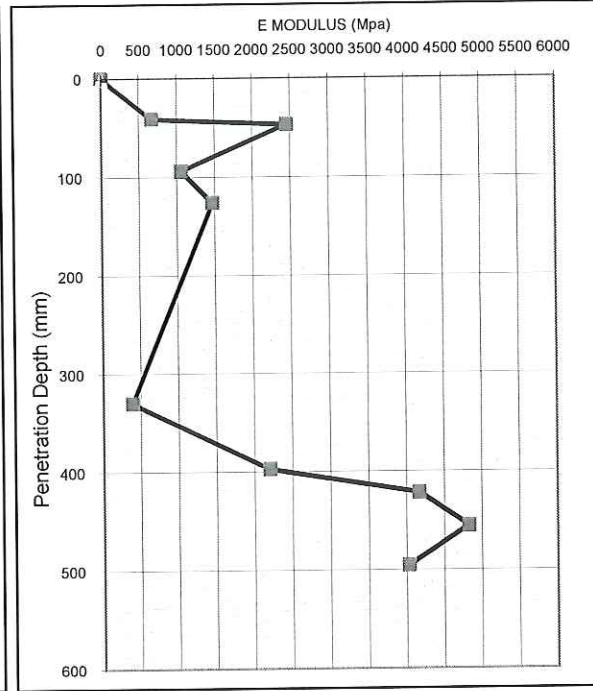
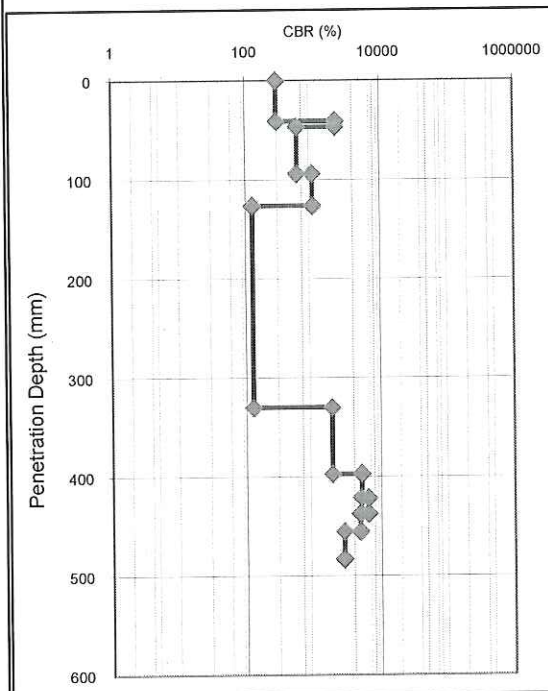
Layer	Start (mm)	End (mm)	Thickness (mm)	Blows (No.)	Strength CBR (%)	E MODULUS MPa
Layer 1	0	41	41	40	294	669
Layer 2	41	47	6	80	2243	2455
Layer 3	47	94	47	170	600	1056
Layer 4	94	126	32	270	1007	1470
Layer 5	126	330	204	360	127	391
Layer 6	330	397	67	460	1891	2201
Layer 7	397	421	24	520	5131	4169
Layer 8	421	437	16	560	6457	4830
Layer 9	437	455	18	610	4873	4034
Layer 10	455	483	28	690	2797	2827





TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/2
Project Client	PDO	DCP Test Ref.	Test-01
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Jeesh	Test Location GPS N:	Not Given
Layer being tested	Front of Gate Right	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10} (CBR) = 2.48 - 1.057 \log_{10} (mm/blow)$

Modulus of Subgrade Reaction, $EM = 17.6 \times (CBR)^{0.64}$

Layer Characteristics as Determined by the DCP Test

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Layer 10	455	483	28	690	2797	2827

For and on behalf of Wimpey Laboratories

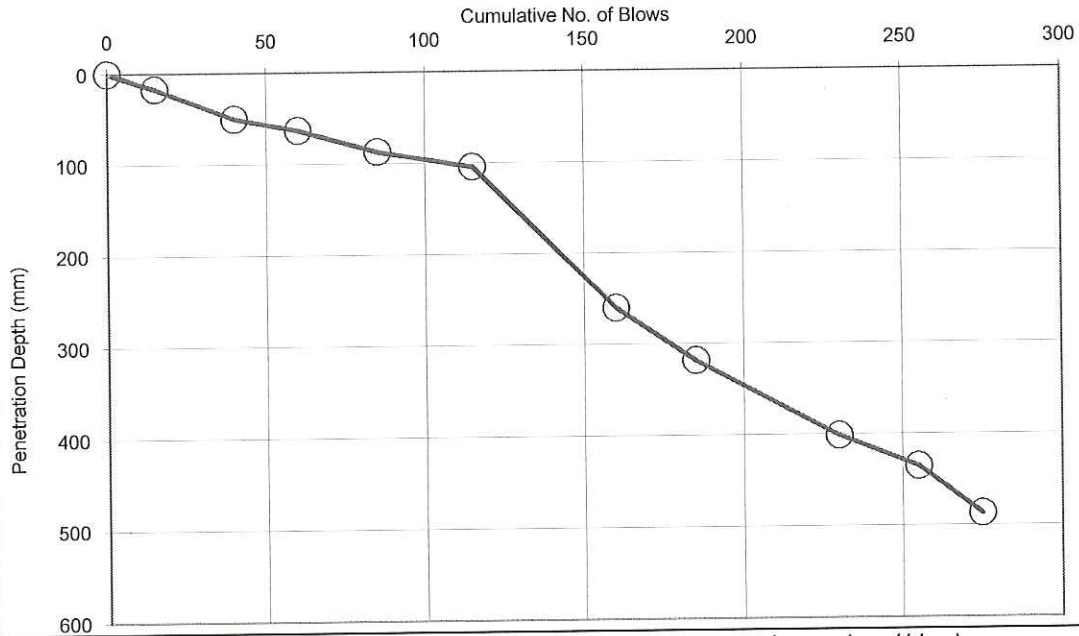


Vishnu Das C Y
Lab in Charge - Nizwa



TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/2
Project Client	PDO	DCP Test Ref.	Test-2
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Rajeev	Test Location GPS N:	Not Given
Layer being tested	Center	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10}(\text{CBR}) = 2.48 - 1.057 \log_{10}(\text{mm/blow})$

Modulus of Subgrade Reaction, $EM = 17.6 \times (\text{CBR})^{0.64}$

Layer Characteristics as Determined by the DCP Test

Layer	Start (mm)	End (mm)	Thickness (mm)	Blows (No.)	Strength CBR (%)	E MODULUS MPa
Layer 1	0	17	17	15	265	626
Layer 2	17	50	33	40	225	564
Layer 3	50	63	13	60	476	910
Layer 4	63	87	24	85	315	699
Layer 5	87	104	17	115	550	998
Layer 6	104	260	156	160	229	570
Layer 7	260	318	58	185	680	1144
Layer 8	318	401	83	230	545	993
Layer 9	401	435	34	255	1348	1772
Layer 10	435	487	52	275	699	1164

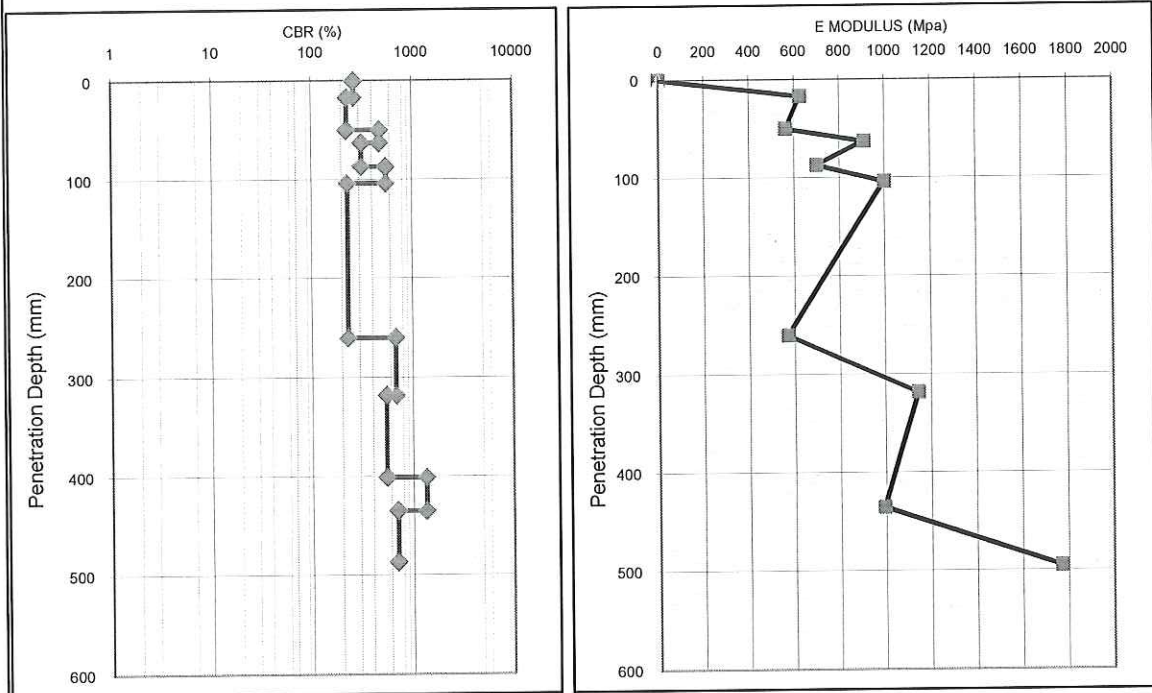
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TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/1
Project Client	PDO	DCP Test Ref.	Test-2
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Jeesh	Test Location GPS N:	Not Given
Layer being tested	Center	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10} (CBR) = 2.48 - 1.057 \log_{10} (mm/blow)$

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Layer 8	318	401	83	230	545	993
Layer 9	401	435	34	255	1348	1772
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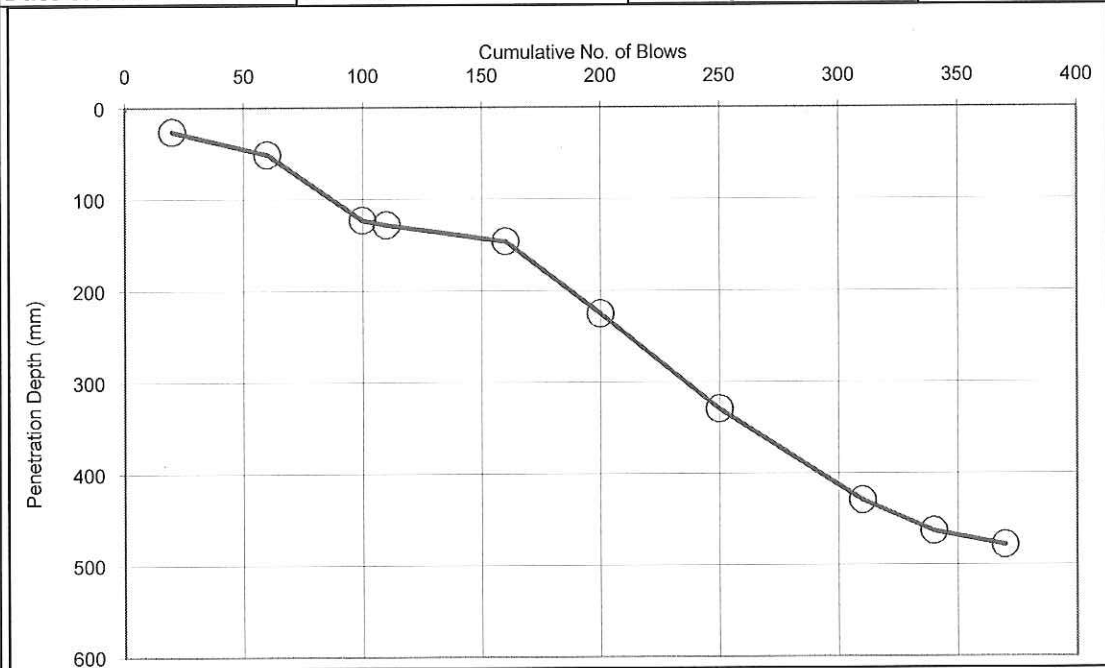
For and on behalf of Wimpey Laboratories
Sultanate of Oman

Vishnu Das C Y
Lab in Charge - Nizwa



TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/2
Project Client	PDO	DCP Test Ref.	Test-3
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Jeesh	Test Location GPS N:	Not Given
Layer being tested	Left Side	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10} (CBR) = 2.48 - 1.057 \log_{10} (mm/blow)$

Modulus of Subgrade Reaction, $EM = 17.6 \times (CBR)^{0.64}$

Layer Characteristics as Determined by the DCP Test

Layer	Start (mm)	End (mm)	Thickness (mm)	Blows (No.)	Strength CBR (%)	E MODULUS MPa
Layer 1	0	26	26	20	229	570
Layer 2	26	51	25	60	496	935
Layer 3	51	123	72	100	162	457
Layer 4	123	128	5	110	628	1087
Layer 5	128	146	18	160	889	1358
Layer 6	146	225	79	200	553	1002
Layer 7	225	329	104	250	445	872
Layer 8	329	429	100	310	628	1087
Layer 9	429	463	34	340	1758	2101
Layer 10	463	478	15	370	3931	3516

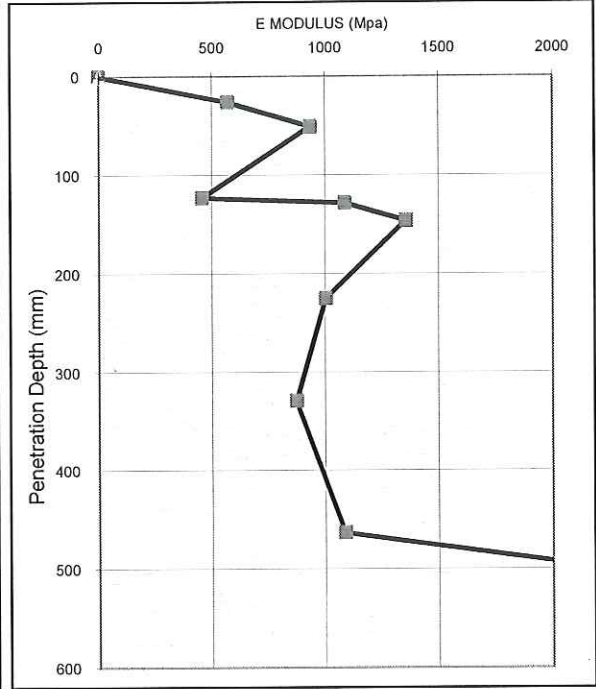
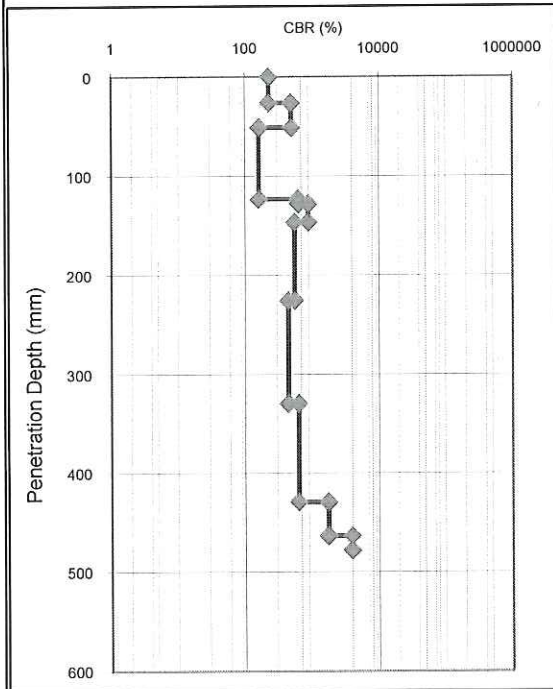
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TRL Dynamic Cone Penetrometer Test Report

Client	Anwar Fahud Projects International LLC		
Project	Soil Stabilization-Romix Trial on Fahud 8KM		
Consultant	PDO	Lab Ref.	NZ1-21090054/1
Project Client	PDO	DCP Test Ref.	Test-3
Contractor	Carillion Alawi	Test Location GPS E:	Not Given
Tested By	Jeesh	Test Location GPS N:	Not Given
Layer being tested	Left Side	Chainage (Km)	Not Given
Date tested	14-9-2021	Date Reported	16-9-2021



CBR Relationship $\log_{10} (CBR) = 2.48 - 1.057 \log_{10} (mm/blow)$

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Lab in Charge - Nizwa

For and on behalf of Wimpey Laboratories