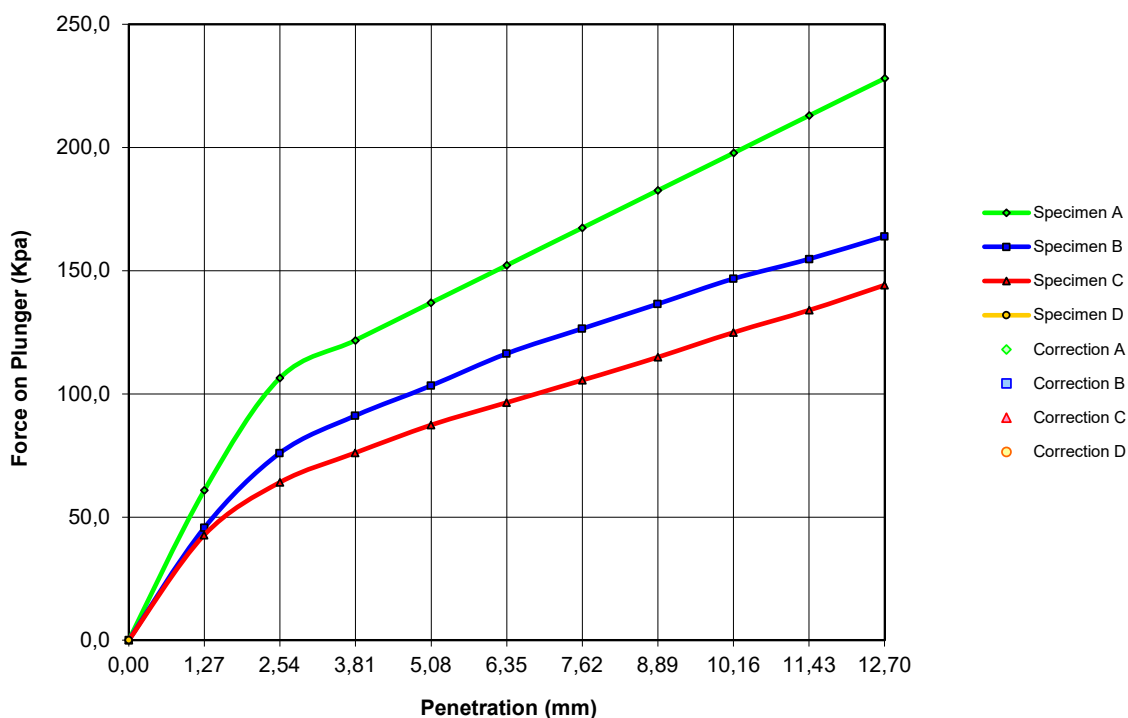


California Bearing Ratio Test Report

Load Penetration Curve



CBR Results

Results	A	B	C	D	Average
2.54 mm Pen.	1,54	1,10	0,93		1,2
5.08 mm Pen.	1,32	0,98	0,83		1,0
Moisture (%)	13,98	13,70	13,19		13,6
Density (g/cm3)	1,448	1,298	1,275		1,340
Final Moisture (%)	0,0	0,0	0,0		0,00
Final Density (g/cm3)	1,992	1,880	1,888		1,920

Project Information

Project Information		Sample Location	
Project Num		Specimen A	La Aurora
Project	Malecon de la Aurora	Specimen B	La Aurora
Date	3-2-22	Specimen C	La Aurora
Client	Policonstruc	Specimen D	La Aurora
		Test Variables	
Job Ref.		Liquid Limit:	29,7
Sample Num.	C-3 M3	Plastic Limit:	26,0
Remarks			

Specimen A Information

CBR Test

File Name
C-3 M3.HSD
Project Information

Project No.
Project Name: Malecon de la Aurora
Client: Policonstruc
Sample Location: La Aurora
Sample Description:
Remarks:

Date: 3-2-22

Specimen A Data

Soaked Height (mm): 121,666
Swell (%): 0,550

Liquid Limit: 29,7
Plastic Limit: 26

Max Dry Dens. (g/cm3): 1507,0
Opt. Moisture (%): 21,1

Mold Info	
Height (mm)	120,90
Weight (g)	8052,0
Soil Weight + Mold (g)	11677,00
Soil Weight (g)	3625,00
Mold Volume (m3)	2195,6
Dry Density (g/cm3)	1,448

Moisture Percentage		
	Initial	Avg Final
Moist Soil + tare (g)	168,83	0,00
Dry Soil + tare (g)	151,96	0,00
tare (g)	30,84	30,70
Moisture (%)	13,98	0,0

Specimen A Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,059	0,706	0,0	0,000	
1	0,118	1,977	60,9	1,271	
2	0,206	3,248	106,5	2,542	1,54
3	0,236	4,517	121,7	3,811	
4	0,265	5,787	136,9	5,081	1,30
5	0,295	7,057	152,1	6,351	
6	0,324	8,327	167,4	7,621	1,29
7	0,354	9,597	182,6	8,891	
8	0,383	10,868	197,8	10,163	1,24
9	0,413	12,138	213,0	11,432	
10	0,442	13,407	228,0	12,701	1,27

Test Performed By:

Checked By:

Specimen B Information

CBR Test

File Name

C-3 M3.HSD

Project Information

Project No.
Project Name: Malecon de la Aurora
Client: Policonstruc
Sample Location: La Aurora
Sample Description:
Remarks:

Date: 3-2-22

Specimen B Data

Soaked Height (mm): 121,666
Swell (%): 0,510

Liquid Limit: 29,7
Plastic Limit: 26

Max Dry Dens. (g/cm3): 1506,999
Opt. Moisture (%): 21,1

Mold Info

Height (mm)	120,90
Weight (g)	8266,0
Soil Weight + Mold (g)	11523,00
Soil Weight (g)	3257,00
Mold Volume (m3)	2207,6
Dry Density (g/cm3)	1,298

Moisture Percentage

	Initial	Avg Final
Moist Soil + tare (g)	163,68	0,00
Dry Soil + tare (g)	147,66	0,00
tare (g)	30,70	30,70
Moisture (%)	13,70	0,0

Specimen B Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,068	6,104	0,0	0,000	
1	0,088	7,373	45,6	1,269	
2	0,147	8,641	75,9	2,537	1,10
3	0,176	9,911	91,1	3,807	
4	0,200	11,181	103,3	5,077	0,98
5	0,225	12,450	116,3	6,346	
6	0,245	13,721	126,5	7,617	0,97
7	0,264	14,991	136,5	8,887	
8	0,284	16,264	146,7	10,160	0,92
9	0,300	17,537	154,7	11,433	
10	0,318	18,801	163,9	12,697	0,91

Test Performed By:

Checked By:

Specimen C Information

CBR Test

File Name
C-3 M3.HSD
Project Information

Project No.
Project Name: Malecon de la Aurora
Client: Policonstruc
Sample Location: La Aurora
Sample Description:
Remarks:

Date: 3-2-22

Specimen C Data

Soaked Height (mm): 121,666
Swell (%): 0,480

Liquid Limit: 29,7
Plastic Limit: 26

Max Dry Dens. (g/cm3): 1506,999
Opt. Moisture (%): 21,1

Mold Info	
Height (mm)	120,90
Weight (g)	8696,0
Soil Weight + Mold (g)	11881,00
Soil Weight (g)	3185,00
Mold Volume (m3)	2206,9
Dry Density (g/cm3)	1,275

Moisture Percentage		
	Initial	Avg Final
Moist Soil + tare (g)	167,69	0,00
Dry Soil + tare (g)	151,74	0,00
tare (g)	30,82	30,70
Moisture (%)	13,19	0,0

Specimen C Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,000	1,865	0,0	0,000	
1	0,083	3,133	42,6	1,267	
2	0,124	4,406	64,1	2,541	0,93
3	0,147	5,672	76,1	3,807	
4	0,169	6,943	87,3	5,077	0,83
5	0,187	8,215	96,5	6,349	
6	0,204	9,485	105,5	7,619	0,81
7	0,223	10,755	114,9	8,889	
8	0,242	12,025	124,9	10,160	0,78
9	0,260	13,297	133,9	11,432	
10	0,279	14,565	144,1	12,699	0,80

Test Performed By:

Checked By:

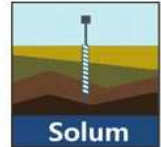
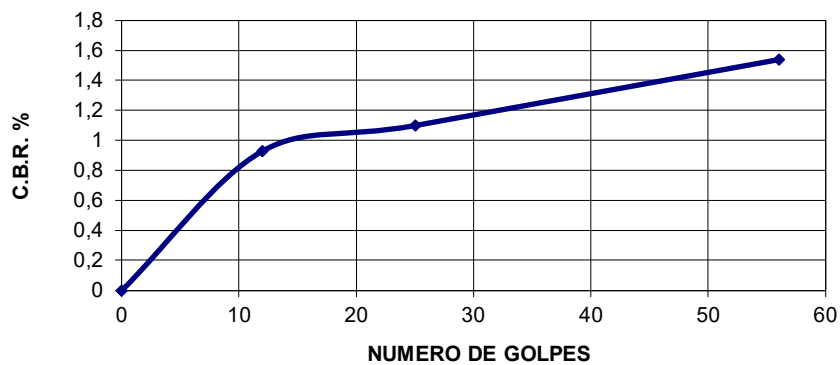


GRAFICO C.B.R. VS. NUMERO DE GOLPES
PROYECTO: Malecón La Aurora
C-3 M3



DENSIDAD-CONTENIDO DE HUMEDAD
PROYECTO: Malecón La Aurora

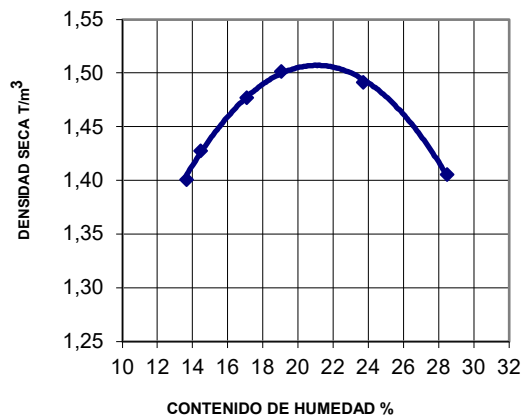
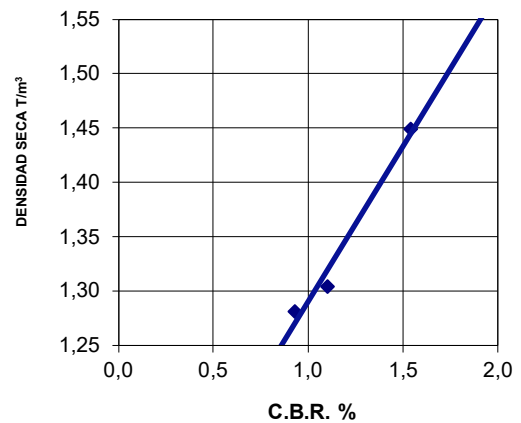


GRAFICO C.B.R. VS. DENSIDAD SECA
PROYECTO: Malecón La Aurora



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