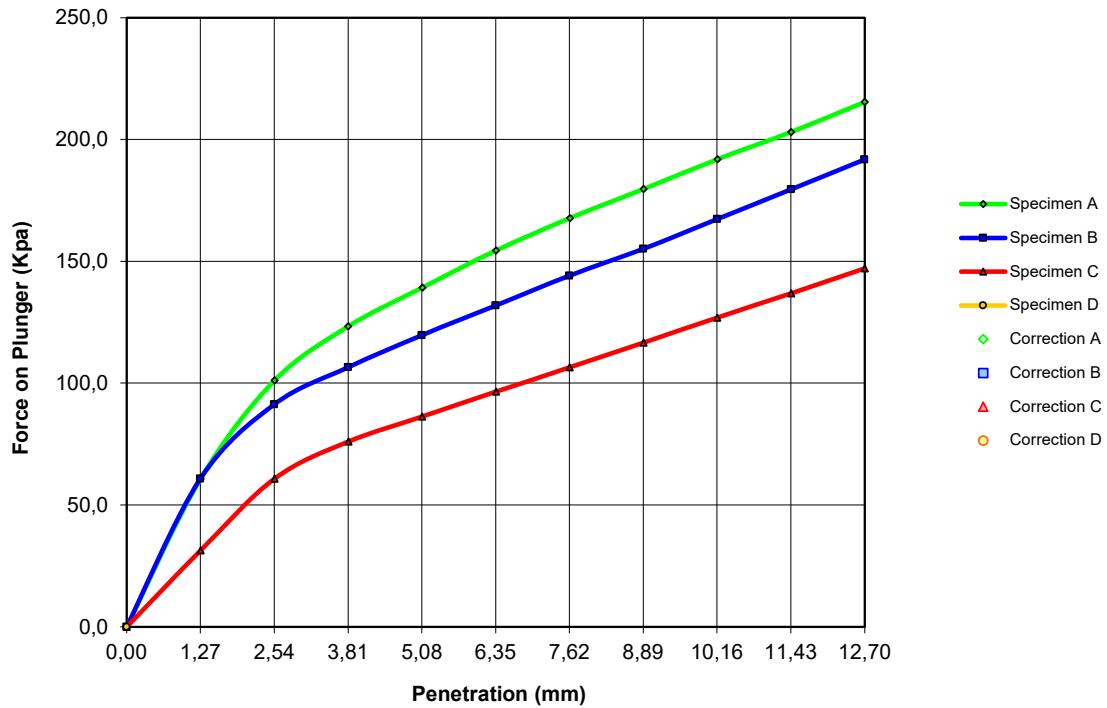


California Bearing Ratio Test Report

Load Penetration Curve



CBR Results

Results	A	B	C	D	Average
2.54 mm Pen.	1,47	1,32	0,88		1,23
5.08 mm Pen.	1,33	1,14	0,82		1,10
Moisture (%)	13,23	13,05	13,12		13,13
Density (g/cm3)	1,486	1,351	1,297		1,378
Final Moisture (%)					#DIV/0!
Final Density (g/cm3)	2,045	1,938	1,878		1,954

Project Information

Project Information		Sample Location	
Project Num	Malecon La Aurora	Specimen A	La Aurora
Project		Specimen B	La Aurora
Date	2-2-22	Specimen C	La Aurora
Client	Policonstruc	Specimen D	La Aurora
Test Variables			
Job Ref.		Liquid Limit:	86,0
Sample Num.	C-1	Plastic Limit:	30,0
Remarks			

Specimen A Information

CBR Test

File Name
C-1 M3

Project Information

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

Date: 2-2-22

Specimen A Data

Soaked Height (mm): 121,666
Swell (%): 0,570

Liquid Limit: 86
Plastic Limit: 30

Max Dry Dens. (g/cm3): 1465,0
Opt. Moisture (%): 21,75

Mold Info	
Height (mm)	120,90
Weight (g)	8729,0
Soil Weight + Mold (g)	12423,00
Soil Weight (g)	3694,00
Mold Volume (m3)	2195,6
Dry Density (g/cm3)	1,486

Moisture Percentage		
	Initial	Avg Final
Moist Soil + tare (g)	166,47	0,00
Dry Soil + tare (g)	150,57	0,00
tare (g)	30,40	30,56
Moisture (%)	13,23	0,0

Specimen A Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,059	1,441	0,0	0,000	
1	0,118	2,712	60,9	1,271	
2	0,196	3,985	101,1	2,543	1,47
3	0,239	5,251	123,3	3,810	
4	0,270	6,529	139,3	5,088	1,33
5	0,299	7,795	154,5	6,353	
6	0,325	9,066	167,7	7,624	1,29
7	0,348	10,336	179,7	8,894	
8	0,372	11,606	191,9	10,164	1,20
9	0,394	12,876	203,1	11,434	
10	0,417	14,143	215,4	12,702	1,20

Test Performed By:

Checked By:

Specimen B Information

CBR Test

File Name
C-1 M3

Project Information

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

Date: 2-2-22

Specimen B Data

Soaked Height (mm): 121,666
Swell (%): 0,460

Liquid Limit: 86
Plastic Limit: 30

Max Dry Dens. (g/cm3): 1465,0
Opt. Moisture (%): 21,75

Mold Info	
Height (mm)	120,90
Weight (g)	8482,0
Soil Weight + Mold (g)	11855,00
Soil Weight (g)	3373,00
Mold Volume (m3)	2208,1
Dry Density (g/cm3)	1,351

Moisture Percentage		
	Initial	Avg Final
Moist Soil + tare (g)	169,48	0,00
Dry Soil + tare (g)	153,45	0,00
tare (g)	30,58	30,74
Moisture (%)	13,05	0,0

Specimen B Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,000	0,327	0,0	0,000	
1	0,118	1,591	60,9	1,264	
2	0,177	2,862	91,3	2,535	1,32
3	0,206	4,134	106,5	3,807	
4	0,232	5,404	119,7	5,077	1,14
5	0,256	6,675	131,9	6,348	
6	0,279	7,945	144,1	7,618	1,11
7	0,301	9,216	155,1	8,889	
8	0,324	10,487	167,4	10,160	1,05
9	0,348	11,762	179,6	11,435	
10	0,372	13,022	191,8	12,696	1,07

Test Performed By:

Checked By:

Specimen C Information

CBR Test

File Name

C-1 M3

Project Information

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

Date: 2-2-22

Specimen C Data

Soaked Height (mm): 121,412
Swell (%): 0,440

Liquid Limit: 86
Plastic Limit: 30

Max Dry Dens. (g/cm3): 1465,0
Opt. Moisture (%): 21,75

Mold Info

Height (mm)	120,90
Weight (g)	8812,0
Soil Weight + Mold (g)	12049,00
Soil Weight (g)	3237,00
Mold Volume (m3)	2205,8
Dry Density (g/cm3)	1,297

Moisture Percentage

	Initial	Avg Final
Moist Soil + tare (g)	176,24	0,00
Dry Soil + tare (g)	159,27	0,00
tare (g)	29,95	30,74
Moisture (%)	13,12	0,0

Specimen C Test Data

Read Number	Load (Kn)	Disp. (mm)	Force on Plunger (Kpa)	Penetration (mm)	CBR
0	0,000	3,618	0,0	0,000	
1	0,061	4,889	31,4	1,271	
2	0,118	6,160	60,9	2,543	0,88
3	0,147	7,434	76,1	3,816	
4	0,167	8,699	86,3	5,081	0,82
5	0,187	9,970	96,5	6,353	
6	0,206	11,240	106,5	7,623	0,82
7	0,226	12,510	116,7	8,893	
8	0,246	13,780	126,9	10,162	0,79
9	0,265	15,050	136,9	11,433	
10	0,285	16,320	147,1	12,702	0,82

Test Performed By:

Checked By:

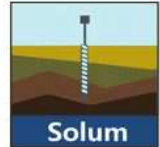
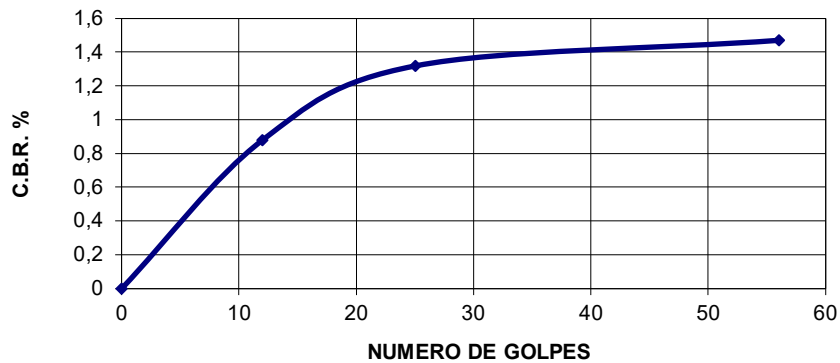


GRAFICO C.B.R. VS. NUMERO DE GOLPES
PROYECTO: Malecón La Aurora
C-1 M3



DENSIDAD-CONTENIDO DE HUMEDAD
PROYECTO: Malecón La Aurora

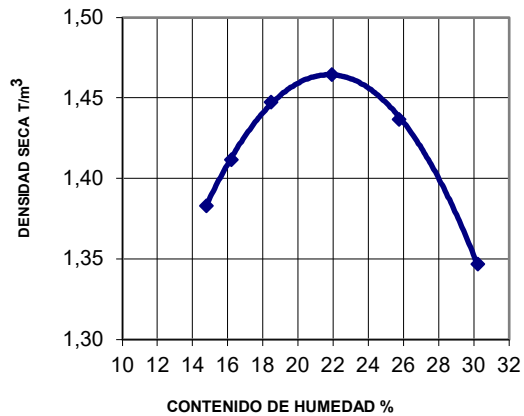
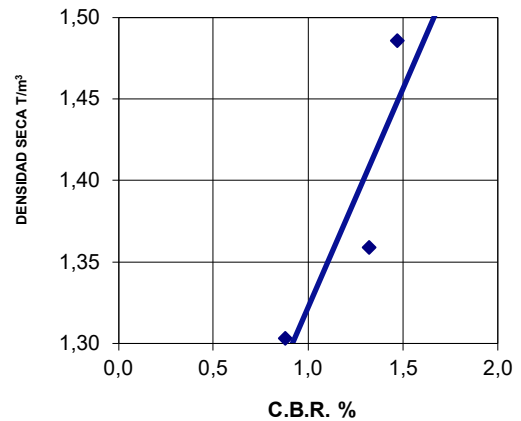


GRAFICO C.B.R. VS. DENSIDAD SECA
PROYECTO: Malecón La Aurora



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