ANEXO A

REGISTRO DE PERFORACIONES Y ENSAYOS DE LABORATORIO

ADECUACIÓN DE INFRAESTRUCTURA FÍSICA DE LA CASA DE LA CULTURA DEL MUNICIPIO DE VITERBO, CALDAS

Yohn Edison Polo Garzon Ingeniero Civil, MSc	**ESTUDIO DE SUELOS CASA DE LA CULTURA**	**PERFORACIÓN:** P-1	**EQUIPO:** BARRENA EN ESPIRAL	**DIBUJÓ:** AC	**GRÁFICO No.**	**INFORME**	
		LOCALIZACIÓN:	**OPERADOR:** AC	**REVISÓ:** EP	1		
		CASA DE LA CULTURA, VITERBO, CALDAS	**INGENIERO:** EP	**APROBÓ** EP	**FECHA:** **7/05/2022**	**VERSIÓN No.** 0	**VIGENCIA**

EXPLORACION DE CAMPO						***RESULTADOS DE LABORATORIO***									**GRANULOMETRIA PORCENTAJE MÁS FINO POR PESO**										
PROFUNDIDAD	**MUESTRA**	**RECUPERACIÓN**	**HERRAMIENTA O MUESTREADOR**	**NIVEL FREÁTICO**	**DESCRIPCIÓN EN EL FORMATO**	**HUMEDAD**	**PESO UNITARIO SECO**	**LÍMITE LÍQUIDO**	**LÍMITE PLASTICO**	**ÍNDICE PLÁSTICO**	**CLASIFICACIÓN AASHTO**	**COMPRESIÓN INCONFINADA**	**COHESIÓN**	**ANGULO DE FRICCIÓN**											
m	No.	%				%	$\frac{Kg}{m^3}$	%	%	%	Grupo	$\frac{Kg}{cm^2}$	$\frac{Kg}{cm^2}$	º	3"	$2^1/_2$"	2"	$1^1/_2$"	1"	$^3/_4$"	$^1/_2$"	$^3/_8$"	4	10	40	200
0.00 a 1.00	1				Lleno antropico con material arcilloso y presnecia de material con sobretamaño, color café oscuro, de consistencia dura, humedad media y																					
1.00 a 2.00	2				Suelo arcilloso color amarillo con vetas blancas, de consistencia dura, humedad media y plasticidad baja.																					
2.00 a 3.00	3																								
3.00 a 4.00	4																								
4.00 a 5.00	5					42.97		43.44	35.6	7.84	SC											100	95.96	78.88	51.69	37.75
5.00 a 6.00	6				Suelo areno arcilloso color rojo con vetas blancas, cossitencia muy dura, humedad baja y plasticidad baja.	34	1380						0.23	34												

ERNANDEZ INGENIERIA S.A.S.
LABORATORIO DE INGENIERÍA CIVIL

CLASIFICACIÓN, GRANULOMETRIA Y LÍMITES

PROYECTO:	GOBERNACION DE CALDAS CASA DE LA CULTURA	SONDEO N°	1
LOCALIZACION:	VITERBO CALDAS	PROFUNDIDAD:	4,00 METROS
DESCRIPCIÓN:	LIMOARCILLOSO AMARILLO VETAS BLANCAS	FECHA DE CAMPO:	MAYO 07/2022
		FECHA DE ENSAYO:	MAYO 17/2022

LIMITES DE CONSISTENCIA
LIMITE LIQUIDO

N_0 de Golpes	36	21	13
Recipiente N_0	28K	36M	65L
P1	34,79	28,54	30,28
P2	25,96	21,42	22,50
P3	5,20	5,23	5,17
% Humedad	43	44	45

HUMEDAD NATURAL

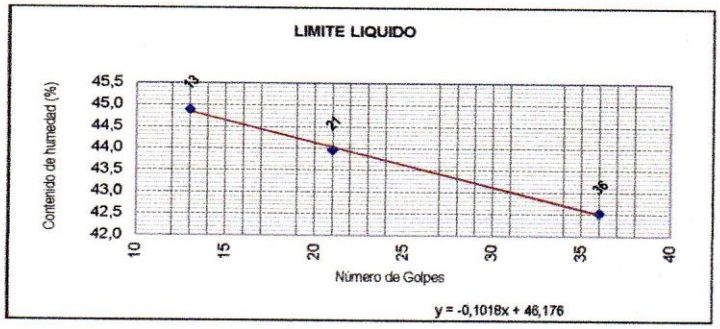
Recipiente N_0	P1	P2	P3
30H	607	445	68,00
	ω natural (%)		42,97

LIMITE PLASTICO

2P	46P	12H	
P1	31,49	26,11	
P2	24,63	20,59	
P3	5,21	5,20	
% Humedad	35	36	

GRADACION

P1 grs	445,0	% Retenido	% Acumulado	% Pasa
Tamiz	Peso Retenido			
2,1/2"	-			100,00
2"	-			100,00
1,1/2"	-			100,00
1"	-			100,00
3/4"	-			100,00
1/2"	-			100,00
3/8"	-			100,00
No.4	18,0	4,04	4,04	95,96
10	76,0	17,08	21,12	78,88
40	121,0	27,19	48,31	51,69
200	62,0	13,93	62,25	37,75
FONDO	167,0	37,53	99,78	



RESULTADOS

Límite Líquido	43,44	%
Límite Plástico	35,60	%
Índice Plastico	7,84	%
A.A.S.H.T.O.	A-5	
Índice de Grupo	0	
S.U.C.S	SC	
Cu =	24,49	
Cc =	0,38	

OBSERVACIONES

HUMEDAD NATURAL : 42,97

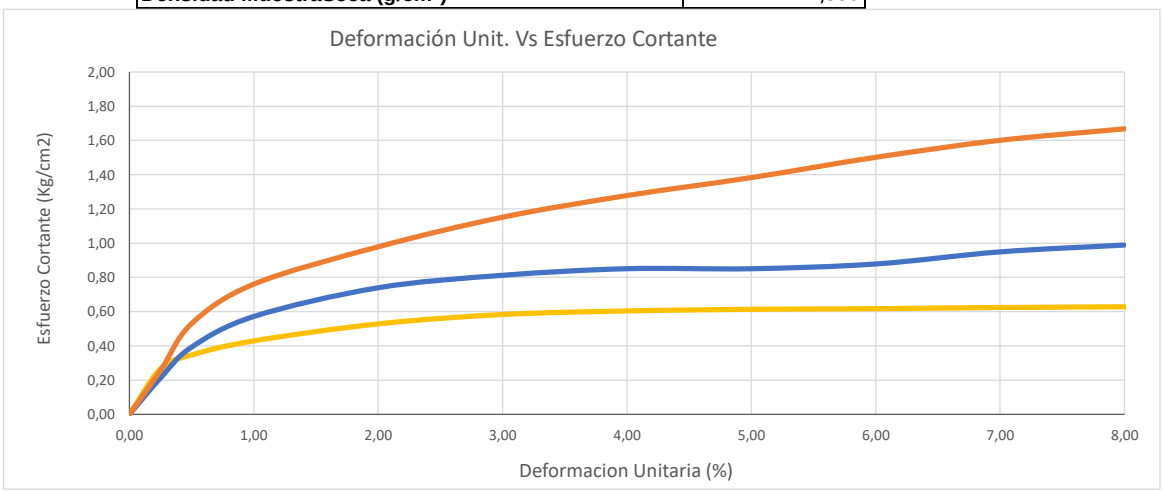
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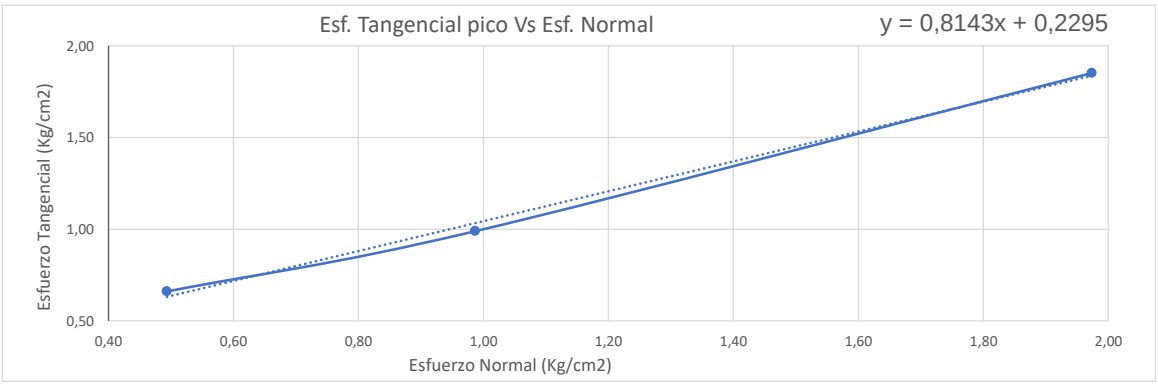
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ENSAYO DE CORTE DIRECTO
MÉTODO RÁPIDO [UU]

Fecha del ensayo: 9 de mayo de 2022
Interesado: Gobernación de Caldas
Proyecto/Obra: Casa de la Cultura
Localización: Viterbo, Caldas
Color(es) de la muestra: Amarillo rojizo
Apique/Sondeo: 1 Muestra N°: 1 Prof: 6,00 m

RESUMEN DEL ENSAYO (3 GALLETAS)	
Angulo de Fricción pico (grados)	**39,2**
Cohesión Pico (Kg/cm^2)	**0,23**
Humedad Natural (%)	**34,0**
Densidad Muestra Húmeda (g/cm^3)	**1,850**
Densidad MuestraSeca (g/cm^3)	**1,380**





NOTAS: Los resultados que se reportan en este informe quedan a criterio e interpretación de un profesional idóneo en el área correspondiente

La toma de la muestra y la custodia de ella hasta el ingreso al laboratorio es responsabilidad del interesado, el ensayo se realizó con los equipos adecuados y cuentan con certificados de calibración vigentes.

José David Chipatecua
Ensayó: José David Chipatecua

Calculó: Ing. Héctor Javier Villegas Llano

TRADING LAB S.A.S.

SUELOS, PAVIMENTOS Y MATERIALES

ENSAYO DE CORTE DIRECTO

Fecha del ensayo: 9 de mayo de 2022

Interesado: Gobernación de Caldas

Proyecto/Obra: Casa de la Cultura

Localización: Viterbo, Caldas

Apique/Sondeo: 1 Muestra N°: 1 Prof: 6,00 m

ENSAYO 1 σ = 0,49 Kg/cm2 **Carga** **10,0 Kg**

Tiempo min	Deformación Vertical (mm)	Deformación Horizontal (mm)	Deformación Unitaria (%)	Area Corregida cm²	Carga Kg	Esfuerzo Cortante Kg/cm²
0	0,000	0,000	0,00	20,2683	0,00	0,00
0,5	4,115	0,150	0,25	20,2301	5,39	0,27
1,0	0,014	0,301	0,50	20,1917	7,01	0,35
2,0	0,025	0,600	1,00	20,1157	8,63	0,43
4,0	0,028	1,200	2,00	19,9630	10,55	0,53
6,0	0,005	1,799	3,00	19,8105	11,55	0,58
8,0	0,008	2,399	4,00	19,6578	11,88	0,60
10,0	0,004	3,000	5,00	19,5047	11,97	0,61
12,0	0,000	3,600	6,00	19,3517	11,95	0,62
14,0	0,000	4,199	7,00	19,1989	11,99	0,62
16,0	0,000	4,801	8,00	19,0451	11,97	0,63
18,0	0,010	5,400	9,00	18,8920	12,06	0,64
20,0	0,000	6,000	10,00	18,7384	12,16	0,65
22,0	0,006	6,599	11,00	18,5848	12,05	0,65
24,0	0,000	7,199	12,00	18,4308	12,08	0,66
26,0	0,000	7,800	13,00	18,2762	12,01	0,66
28,0	0,000	8,400	14,00	18,1216	11,97	0,66

ENSAYO 2 σ = 0,99 Kg/cm2 **Carga** **20,0 Kg**

Tiempo min	Deformación Vertical (mm)	Deformación Horizontal (mm)	Deformación Unitaria (%)	Area Corregida cm²	Carga Kg	Esfuerzo Cortante Kg/cm²
0	0,000	0,000	0,00	20,2683	0,00	0,00
0,5	1,459	0,150	0,25	20,2301	4,31	0,21
1,0	0,015	0,299	0,50	20,1922	7,92	0,39
2,0	0,031	0,601	1,00	20,1154	11,51	0,57
4,0	0,049	1,200	2,00	19,9630	14,77	0,74
6,0	0,021	1,800	3,00	19,8103	16,09	0,81
8,0	0,016	2,399	4,00	19,6578	16,72	0,85
10,0	0,000	3,001	5,00	19,5044	16,59	0,85
12,0	0,000	3,600	6,00	19,3517	17,00	0,88
14,0	0,000	4,200	7,00	19,1986	18,22	0,95
16,0	0,000	4,799	8,00	19,0457	18,84	0,99

ENSAYO 3 σ = 1,97 Kg/cm2 **Carga** **40,0 Kg**

Tiempo min	Deformación Vertical (mm)	Deformación Horizontal (mm)	Deformación Unitaria (%)	Area Corregida cm²	Carga Kg	Esfuerzo Cortante Kg/cm²
0	0,000	0,000	0,00	20,2683	0,00	0,00
0,5	5,437	0,150	0,25	20,2301	5,18	0,26
1,0	0,020	0,299	0,50	20,1922	10,68	0,53
2,0	0,065	0,601	1,00	20,1154	15,32	0,76
4,0	0,109	1,200	2,00	19,9630	19,54	0,98
6,0	0,076	1,800	3,00	19,8103	22,82	1,15
8,0	0,061	2,399	4,00	19,6578	25,12	1,28
10,0	0,039	3,001	5,00	19,5044	26,98	1,38
12,0	0,027	3,600	6,00	19,3517	29,06	1,50
14,0	0,014	4,200	7,00	19,1986	30,73	1,60
16,0	0,014	4,799	8,00	19,0457	31,77	1,67
18,0	0,012	5,401	9,00	18,8917	32,82	1,74
20,0	0,010	6,000	10,00	18,7384	33,71	1,80
22,0	0,009	6,600	11,00	18,5846	33,58	1,81
24,0	0,003	7,199	12,00	18,4308	33,46	1,82
26,0	0,008	7,799	13,00	18,2765	33,34	1,82
28,0	0,003	8,400	14,00	18,1216	33,22	1,83
30,0	0,000	9,000	15,00	17,9667	33,09	1,84
32,0	0,000	9,599	16,00	17,8117	32,97	1,85

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Yohn Edison Polo Garzon Ingeniero Civil, MSc	**ESTUDIO DE SUELOS CASA DE LA CULTURA**	**PERFORACIÓN:** P-2	**EQUIPO:** BARRENA EN ESPIRAL	**DIBUJÓ:** AC	**GRÁFICO No.**	**INFORME**	
		OPERADOR: AC	**REVISÓ:** EP	2			
		LOCALIZACIÓN: CASA DE LA CULTURA, VITERBO, CALDAS	**INGENIERO:** EP	**APROBÓ** EP	**FECHA:** **7/05/2022**	**VERSIÓN No.** 0	**VIGENCIA**

EXPLORACION DE CAMPO						***RESULTADOS DE LABORATORIO***									**GRANULOMETRIA PORCENTAJE MÁS FINO POR PESO**										
PROFUNDIDAD	**MUESTRA**	**RECUPERACIÓN**	**HERRAMIENTA O MUESTREADOR**	**NIVEL FREÁTICO**	**DESCRIPCIÓN EN EL FORMATO**	**HUMEDAD**	**PESO UNITARIO SECO**	**LÍMITE LÍQUIDO**	**LÍMITE PLASTICO**	**ÍNDICE PLÁSTICO**	**CLASIFICACIÓN AASHTO**	**COMPRESIÓN INCONFINADA**	**COHESIÓN**	**ANGULO DE FRICCIÓN**											
m	**No.**	**%**				**%**	**Kg/m³**	**%**	**%**	**%**	**Grupo**	**Kg/cm²**	**Kg/cm²**	**°**	**3"**	**2 1/2"**	**2"**	**1 1/2"**	**1"**	**3/4"**	**1/2"**	**3/8"**	**4**	**10**	**40**	**200**
0.00 a 1.00	1				Lleno antropico ocn material arcilloso y presencia de sobretamaño, color café oscuro, de consistencia dura, humedad media y plasticidad baja.																					
1.00 a 2.00	2				Suelo arcilloso color amarillo con vetas blancas de consistencia dura, humedad media y plasticidad baja																					
2.00 a 3.00	3																									
3.00 a 4.00	4					39.6	1071					0.706														
4.00 a 5.00	5				Suelo areno arcilloso color rojo con vetas blancas de consistencia muy dura, humedad media y plasticidad baja																					
5.00 a 6.00	6					50.77		43.75	35.23	8.52	SC												100	95.28	49.72	36.39

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ENSAYO DE COMPRESION INCONFINADA Nº 1

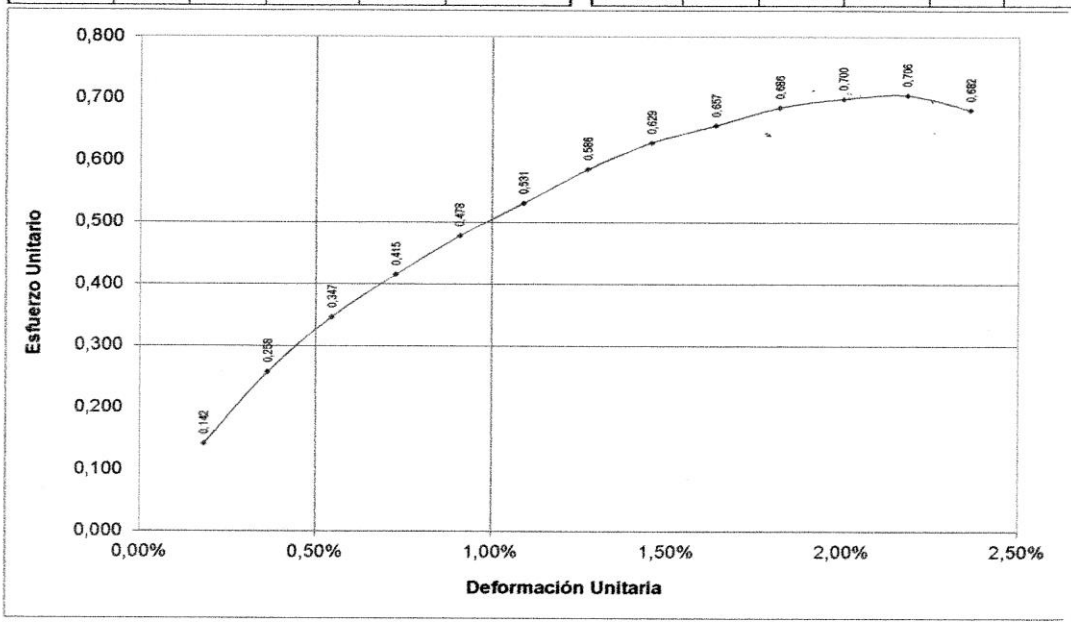
PROYECTO : CASA DE LA CULTURA VITERBO CALDAS
SOLICITANTE : GOBERNACION DE CALDAS
MUESTRA CAMPO MAYO 07/2022 **SONDEO #:** 2
ENSAYO : MAYO 17/2022 **PROF:** 4,00 Metros

DATOS DE LA MUESTRA

DESCRIPCION : HABANO ROJIZO
DIAMETRO Φ_2 = 5,50 c.m. AREA A_0 = 23,76 cm^2 ALTURA L_0 = 11,00 c.m. VOLUMEN = 261,34 P.Prob. P_5 = 350,6 gr.
PESO P_1 = 528,1 gr. PESO P_2 = 417,8 gr. P.Recip. P_3 = 139 gr. γ_1 (Húmedo) = 1,495 gr/cm^3 Ω natural= 39,56% γ_2 (Seco) = 1,071 gr/cm^3
PESO UNITARIO= 1,5987

Deformación ΔL	P Deform. de carga	Deformación unitaria	Area corregida A_1	ESFUERZO PIA$_1$ APLICADO	ESFUERZO PIA$_1$ CORREGIDO
(m.m.)	(Kg)	$(\Delta L / L_0)$ %	(cm^2)	(Kg/cm^2)	(Kg/cm^2)
0,20	3,376	0,18%	23,80	0,142	0,142
0,40	6,151	0,36%	23,85	0,259	0,258
0,60	8,278	0,55%	23,89	0,348	0,347
0,80	9,943	0,73%	23,93	0,418	0,415
1,00	11,469	0,91%	23,98	0,483	0,478
1,20	12,764	1,09%	24,02	0,537	0,531
1,40	14,105	1,27%	24,06	0,594	0,586
1,60	15,168	1,45%	24,11	0,638	0,629
1,80	15,862	1,64%	24,15	0,668	0,657
2,00	16,602	1,82%	24,20	0,699	0,686
2,20	16,972	2,00%	24,24	0,714	0,700
2,40	17,157	2,18%	24,29	0,722	0,706
2,60	16,602	2,36%	24,33	0,699	0,682

Deformación ΔL	P Deform. de carga	Deformación unitaria	Area corregida A_1	ESFUERZO PIA$_1$ APLICADO	ESFUERZO PIA$_1$ CORREGIDO
(m.m.)	(Kg)	$(\Delta L / L_0)$ %	(cm^2)	(Kg/cm^2)	(Kg/cm^2)



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CLASIFICACIÓN, GRANULOMETRIA Y LÍMITES

PROYECTO:	GOBERNACION DE CALDAS CASA DE LA CULTURA	SONDEO Nº	2
LOCALIZACION:	VITERBO CALDAS	PROFUNDIDAD:	6,00 METROS
DESCRIPCIÓN:	LIMOARCILLOSO ROJIZO VETAS BLANCAS Y AMARILLAS	FECHA DE CAMPO:	MAYO 07/2022
		FECHA DE ENSAYO:	MAYO 17/2022

LIMITES DE CONSISTENCIA
LIMITE LIQUIDO

N_0 de Golpes	36	22	12
Recipiente N_0	28Ñ	65J	39Z
P1	25,47	28,44	23,54
P2	19,32	21,38	17,82
P3	5,11	5,24	5,10
% Humedad	43	44	45

HUMEDAD NATURAL

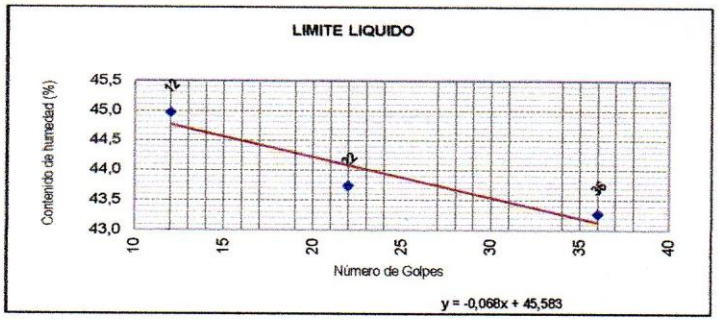
Recipiente N_0	P1	P2	P3
QM	501	360	82,30
	ω natural (%)		50,77

LIMITE PLASTICO

2P	1H	43C	
P1	22,45	30,19	
P2	17,95	23,72	
P3	5,20	5,32	
% Humedad	35	35	

GRADACION

P1 grs	360,0	% Retenido	% Acumulado	% Pasa
Tamiz	Peso Retenido			
2,1/2"	-			100,00
2"	-			100,00
1,1/2"	-			100,00
1"	-			100,00
3/4"	-			100,00
1/2"	-			100,00
3/8"	-			100,00
No.4	-			100,00
10	17,0	4,72	4,72	95,28
40	164,0	45,56	50,28	49,72
200	48,0	13,33	63,61	36,39
FONDO	167,0	46,39	110,00	



RESULTADOS

Límite Líquido	43,75	%
Límite Plástico	35,23	%
Índice Plastico	8,52	%
A.A.S.H.T.O.	A-5	
Índice de Grupo	0	
S.U.C.S	SC	
Cu =	14,37	
Cc =	0,28	

OBSERVACIONES

HUMEDAD NATURAL : 50,77

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Yohn Edison Polo Garzon Ingeniero Civil, MSc	**ESTUDIO DE SUELOS CASA DE LA CULTURA**	**PERFORACIÓN:** P-3 **LOCALIZACIÓN:** CASA DE LA CULTURA, VITERBO, CALDAS	**EQUIPO:** BARRENA EN ESPIRAL **OPERADOR:** AC **INGENIERO:** EP	**DIBUJÓ:** AC **REVISÓ:** EP **APROBÓ** EP	**GRÁFICO No.** 3 **FECHA:** **7/05/2022**	**INFORME** **VERSIÓN No.** 0 **VIGENCIA**

EXPLORACION DE CAMPO						***RESULTADOS DE LABORATORIO***																					
PROFUNDIDAD	MUESTRA	RECUPERACIÓN	HERRAMIENTA O MUESTREADOR	NIVEL FREÁTICO	**DESCRIPCIÓN EN EL FORMATO**	HUMEDAD	PESO UNITARIO SECO	LÍMITE LÍQUIDO	LÍMITE PLÁSTICO	ÍNDICE PLÁSTICO	CLASIFICACIÓN AASHTO	COMPRESIÓN INCONFINADA	COHESIÓN	ANGULO DE FRICCIÓN	**GRANULOMETRIA PORCENTAJE MÁS FINO POR PESO**											
m	No.	%				%	$\frac{Kg}{m^3}$	%	%	%	Grupo	$\frac{Kg}{cm^2}$	$\frac{Kg}{cm^2}$	º	3"	$2\frac{1}{2}$"	2"	$1\frac{1}{2}$"	1"	$\frac{3}{4}$"	$\frac{1}{2}$"	$\frac{3}{8}$"	4	10	40	200
0.00 a 1.00	1				Lleno antropico con material arcilloso y presnecia de material con sobretamaño, color café oscuro, de consistencia dura, humedad media y plasticidad baja.																					
1.00 a 2.00	2				Suelo arcilloso color amarillo con vetas blancas de consistencia dura, humedad media y plasticidad baja																					
2.00 a 3.00	3																										
3.00 a 4.00	4																										
4.00 a 5.00	5				Suelo areno arcilloso color amarillo con vetas blancas, cossitencia muy dura, humedad baja y plasticidad baja.																					
5.00 a 6.00	6					40.4		43.79	34.94	8.85	SC											100	94.05	74.83	54.23	37.76

ERNANDEZ INGENIERIA S.A.S.
LABORATORIO DE INGENIERÍA CIVIL

CLASIFICACIÓN, GRANULOMETRIA Y LÍMITES

PROYECTO:	GOBERNACION DE CALDAS CASA DE LA CULTURA	SONDEO N°	3
LOCALIZACION:	VITERBO CALDAS	PROFUNDIDAD:	5,00 METROS
DESCRIPCIÓN:	LIMOARCILLOSO AMARILLO VETAS BLANCAS	FECHA DE CAMPO:	MAYO 07/2022
		FECHA DE ENSAYO:	MAYO 17/2022

LIMITES DE CONSISTENCIA
LIMITE LIQUIDO

N_0 de Golpes	34	21	13
Recipiente N_0	52K	63L	20M
P1	38,59	33,61	36,17
P2	28,52	24,97	26,51
P3	5,21	5,32	5,21
% Humedad	43	44	45

HUMEDAD NATURAL

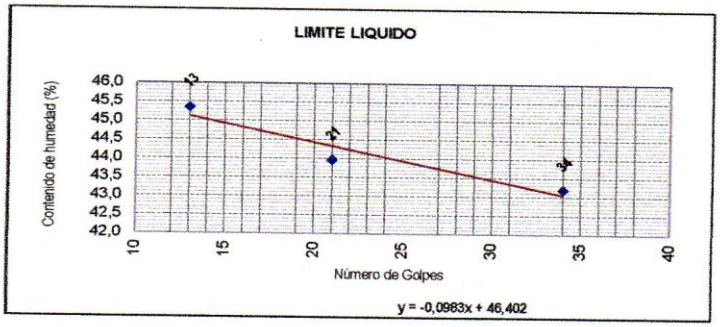
Recipiente N_0	P1	P2	P3
10U	580	437	83,10
		ω natural (%)	40,41

LIMITE PLASTICO

2P	11V	42B	
P1	31,49	32,86	
P2	24,62	25,70	
P3	4,97	5,20	
% Humedad	35	35	

GRADACION

P1 grs	437,0	% Retenido	% Acumulado	% Pasa
Tamiz	Peso Retenido			
2,1/2"	-			100,00
2"	-			100,00
1,1/2"	-			100,00
1"	-			100,00
3/4"	-			100,00
1/2"	-			100,00
3/8"	-			100,00
No.4	26,0	5,95	5,95	94,05
10	84,0	19,22	25,17	74,83
40	90,0	20,59	45,77	54,23
200	72,0	16,48	62,24	37,76
FONDO	167,0	38,22	100,46	



RESULTADOS

Límite Líquido	43,79	%
Límite Plástico	34,94	%
Índice Plastico	8,85	%
A.A.S.H.T.O.	A-5	
Índice de Grupo	0	
S.U.C.S	SC	
Cu =	23,09	
Cc =	0,37	

OBSERVACIONES

HUMEDAD NATURAL : 40,41

JESUS ANTONIO HERNÁNDEZ E
MATRICULA 17502-001547 CALDAS

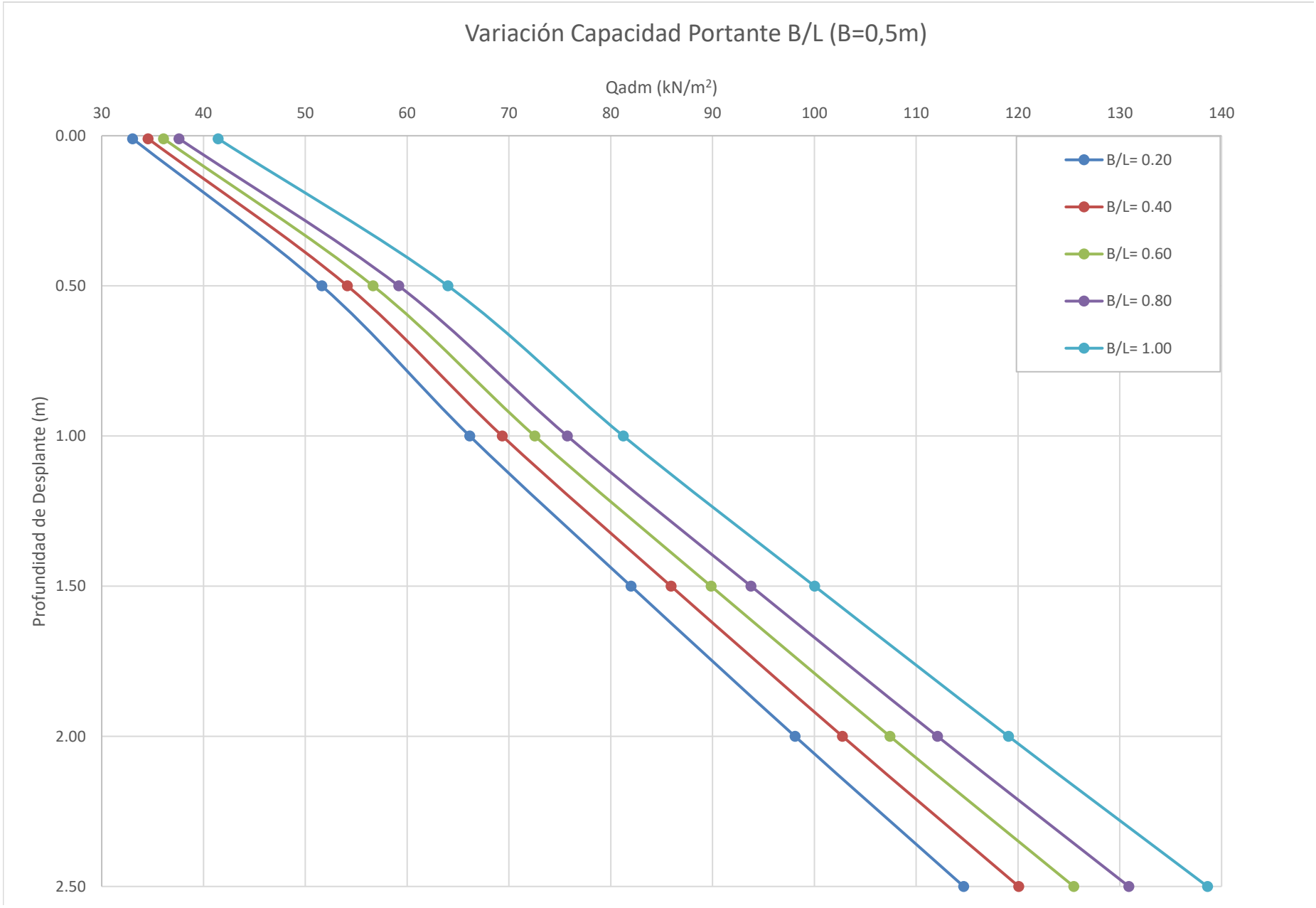
Calle 68 No. 34 - 29 Telefax: (606) 879 0610 Manizales - Cel. 310 837 3892
hdezingenieriasas@une.net.co

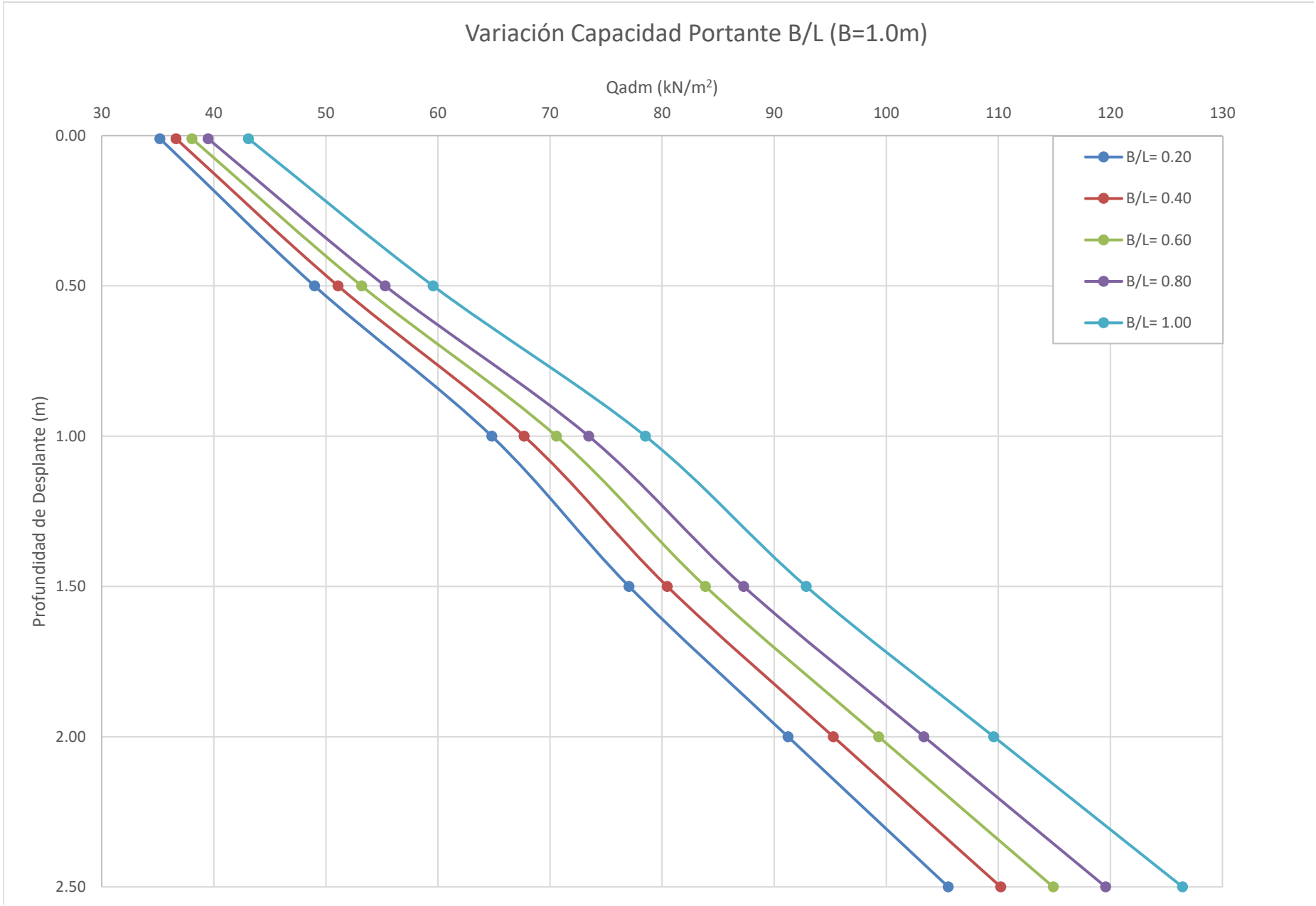
ANEXO B

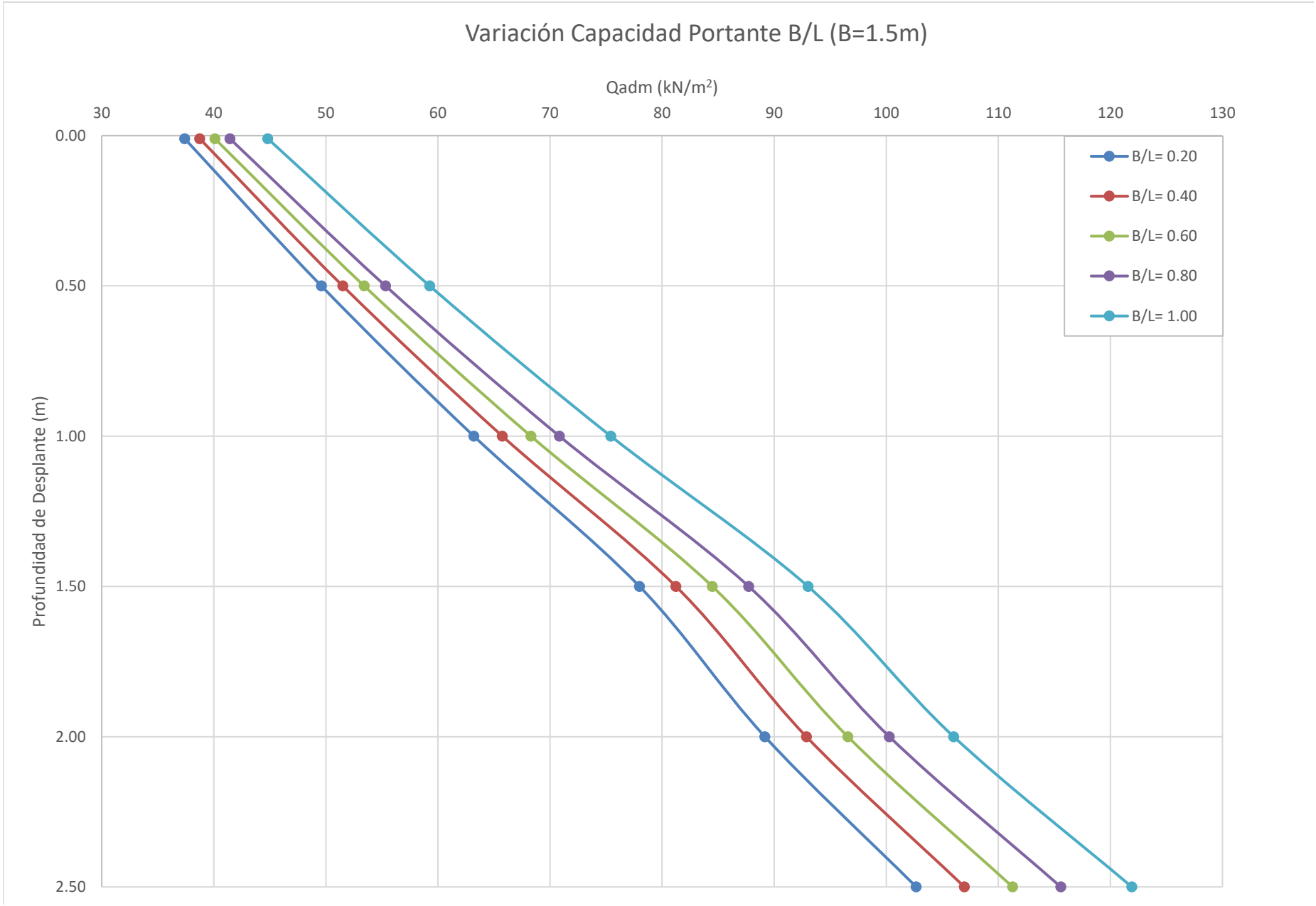
CAPACIDAD PORTANTE CIMENTACIONES SUPERFICIALES

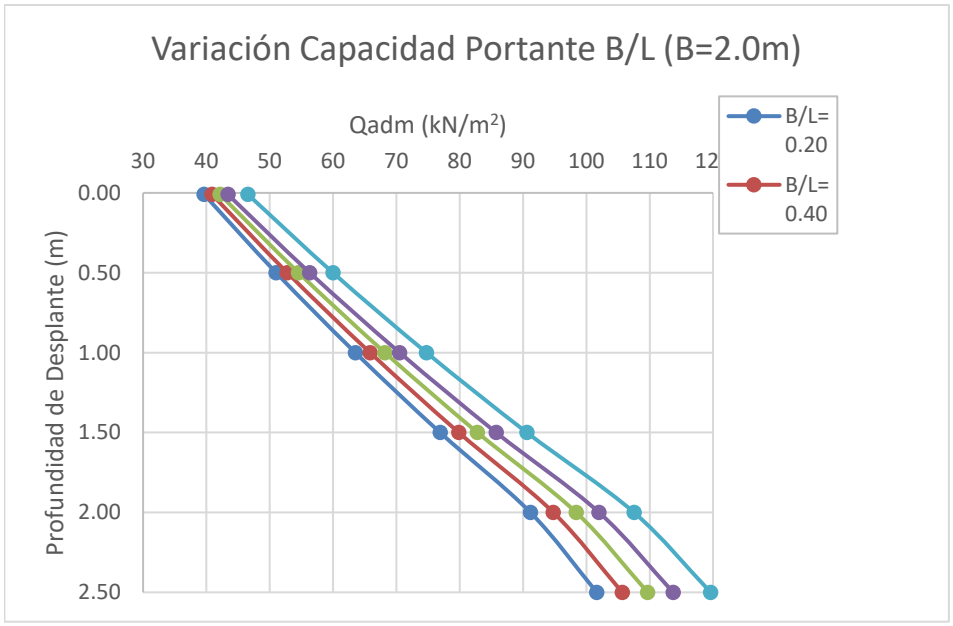
ADECUACIÓN DE INFRAESTRUCTURA FÍSICA DE LA CASA DE LA CULTURA DEL MUNICIPIO DE VITERBO, CALDAS

Luis Carlos Cardona Galeano
Cel.: 314 892 5454
Ing. Civil / Esp Vías & Transportes / Esp Ing. Hidráulica y Ambiental/Esp Geotecnia
MP: 17202-248259 CLD


Variación Capacidad Portante B/L (B=0,5m)
Qadm (kN/m²)
30
40
50
60
70
80
90
100
110
120
130
140
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=1.0m)
Qadm (kN/m²)
30
40
50
60
70
80
90
100
110
120
130
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=1.5m)
Qadm (kN/m2)
30
40
50
60
70
80
90
100
110
120
130
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=2.0m)
Qadm (kN/m2)
30
40
50
60
70
80
90
100
110
12
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
1.00 m	5.00 m	**16.41**	**25.9**	**14.9**	17.2	9.9	0.01
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
1.00 m	5.00 m	1.0	5.0	0.01	0.0	0.0
1.00 m	5.00 m	1.0	5.0	0.50	0.0	0.0
1.00 m	5.00 m	1.0	5.0	1.00	0.0	0.0
1.00 m	5.00 m	1.0	5.0	1.50	0.0	0.0
1.00 m	5.00 m	1.0	5.0	2.00	0.0	0.0
1.00 m	5.00 m	1.0	5.0	2.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	0.01	0.0	0.0
1.00 m	2.50 m	1.0	2.5	0.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	1.00	0.0	0.0
1.00 m	2.50 m	1.0	2.5	1.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	2.00	0.0	0.0
1.00 m	2.50 m	1.0	2.5	2.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	0.01	0.0	0.0
1.00 m	1.67 m	1.0	1.7	0.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	1.00	0.0	0.0
1.00 m	1.67 m	1.0	1.7	1.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	2.00	0.0	0.0
1.00 m	1.67 m	1.0	1.7	2.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	0.01	0.0	0.0
1.00 m	1.25 m	1.0	1.3	0.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	1.00	0.0	0.0
1.00 m	1.25 m	1.0	1.3	1.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	2.00	0.0	0.0
1.00 m	1.25 m	1.0	1.3	2.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	0.01	0.0	0.0
1.00 m	1.00 m	1.0	1.0	0.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	1.00	0.0	0.0
1.00 m	1.00 m	1.0	1.0	1.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	2.00	0.0	0.0
1.00 m	1.00 m	1.0	1.0	2.50	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
1.50 m	7.50 m	1.5	7.5	0.01	0.0	0.0
1.50 m	7.50 m	1.5	7.5	0.33	0.0	0.0
1.50 m	7.50 m	1.5	7.5	0.67	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.00	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.33	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.67	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.01	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.33	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.67	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.00	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.33	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.67	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.01	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.33	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.67	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.00	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.33	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.67	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.01	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.33	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.67	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.00	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.33	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.67	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.01	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.33	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.67	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.00	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.33	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.67	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
2.00 m	10.00 m	2.0	10.0	0.01	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.25	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.50	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.75	0.0	0.0
2.00 m	10.00 m	2.0	10.0	1.00	0.0	0.0
2.00 m	10.00 m	2.0	10.0	1.25	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.01	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.25	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.50	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.75	0.0	0.0
2.00 m	5.00 m	2.0	5.0	1.00	0.0	0.0
2.00 m	5.00 m	2.0	5.0	1.25	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.01	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.25	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.50	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.75	0.0	0.0
2.00 m	3.33 m	2.0	3.3	1.00	0.0	0.0
2.00 m	3.33 m	2.0	3.3	1.25	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.01	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.25	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.50	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.75	0.0	0.0
2.00 m	2.50 m	2.0	2.5	1.00	0.0	0.0
2.00 m	2.50 m	2.0	2.5	1.25	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.01	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.25	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.50	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.75	0.0	0.0
2.00 m	2.00 m	2.0	2.0	1.00	0.0	0.0
2.00 m	2.00 m	2.0	2.0	1.25	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
0.50 m	2.50 m	0.5	2.5	0.02	0.0	0.0
0.50 m	2.50 m	0.5	2.5	1.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	2.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	3.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	4.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	5.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	0.02	0.0	0.0
0.50 m	1.25 m	0.5	1.3	1.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	2.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	3.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	4.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	5.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	0.02	0.0	0.0
0.50 m	0.83 m	0.5	0.8	1.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	2.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	3.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	4.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	5.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	0.02	0.0	0.0
0.50 m	0.63 m	0.5	0.6	1.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	2.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	3.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	4.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	5.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	0.02	0.0	0.0
0.50 m	0.50 m	0.5	0.5	1.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	2.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	3.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	4.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	5.00	0.0	0.0

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
1.00 m	5.00 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
1.50 m	7.50 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
2.00 m	10.00 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
0.50 m	2.50 m	1.04	1.07	1.04	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
1.00 m	5.00 m	133.82	0.83	14.84	99.66
1.00 m	5.00 m	151.57	44.40	15.83	141.20
1.00 m	5.00 m	169.69	94.44	16.84	187.31
1.00 m	5.00 m	187.81	150.13	17.84	237.19
1.00 m	5.00 m	205.93	211.46	18.85	290.82
1.00 m	5.00 m	224.04	278.44	19.86	348.22
1.00 m	2.50 m	143.01	0.86	15.37	106.16
1.00 m	2.50 m	161.98	45.98	16.39	149.57
1.00 m	2.50 m	181.34	97.80	17.44	197.72
1.00 m	2.50 m	200.70	155.47	18.48	249.76
1.00 m	2.50 m	220.06	218.98	19.52	305.71
1.00 m	2.50 m	239.42	288.34	20.56	365.55
1.00 m	1.67 m	152.19	0.89	15.90	112.66
1.00 m	1.67 m	172.39	47.56	16.96	157.93
1.00 m	1.67 m	192.99	101.16	18.03	208.12
1.00 m	1.67 m	213.60	160.80	19.11	262.34
1.00 m	1.67 m	234.20	226.50	20.19	320.59
1.00 m	1.67 m	254.81	298.23	21.27	382.87
1.00 m	1.25 m	161.38	0.92	16.43	119.15
1.00 m	1.25 m	182.79	49.13	17.52	166.30
1.00 m	1.25 m	204.64	104.51	18.63	218.53
1.00 m	1.25 m	226.49	166.14	19.75	274.92
1.00 m	1.25 m	248.34	234.01	20.86	335.47
1.00 m	1.25 m	270.19	308.13	21.97	400.19
1.00 m	1.00 m	170.57	0.95	16.96	125.65
1.00 m	1.00 m	193.20	50.71	18.08	174.66
1.00 m	1.00 m	216.29	107.87	19.23	228.93
1.00 m	1.00 m	239.38	171.48	20.38	287.49
1.00 m	1.00 m	262.48	241.53	21.53	350.36
1.00 m	1.00 m	285.57	318.03	22.68	417.52

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
1.50 m	7.50 m	133.70	0.83	22.26	104.53
1.50 m	7.50 m	145.54	43.46	23.24	141.49
1.50 m	7.50 m	157.61	90.68	24.25	181.69
1.50 m	7.50 m	169.69	141.66	25.25	224.41
1.50 m	7.50 m	181.77	196.41	26.26	269.63
1.50 m	7.50 m	193.85	254.92	27.27	317.36
1.50 m	3.75 m	142.88	0.86	23.05	111.19
1.50 m	3.75 m	155.53	45.00	24.07	149.73
1.50 m	3.75 m	168.43	93.90	25.11	191.63
1.50 m	3.75 m	181.34	146.70	26.15	236.13
1.50 m	3.75 m	194.25	203.39	27.19	283.22
1.50 m	3.75 m	207.16	263.98	28.24	332.92
1.50 m	2.50 m	152.06	0.89	23.84	117.86
1.50 m	2.50 m	165.52	46.55	24.89	157.97
1.50 m	2.50 m	179.25	97.13	25.97	201.57
1.50 m	2.50 m	192.99	151.74	27.05	247.85
1.50 m	2.50 m	206.73	210.37	28.13	296.82
1.50 m	2.50 m	220.46	273.04	29.21	348.48
1.50 m	1.88 m	161.24	0.92	24.63	124.52
1.50 m	1.88 m	175.51	48.09	25.72	166.22
1.50 m	1.88 m	190.08	100.35	26.83	211.51
1.50 m	1.88 m	204.64	156.77	27.95	259.57
1.50 m	1.88 m	219.21	217.36	29.06	310.42
1.50 m	1.88 m	233.77	282.11	30.18	364.04
1.50 m	1.50 m	170.41	0.95	25.42	131.19
1.50 m	1.50 m	185.50	49.64	26.55	174.46
1.50 m	1.50 m	200.90	103.57	27.70	221.44
1.50 m	1.50 m	216.29	161.81	28.85	271.30
1.50 m	1.50 m	231.69	224.34	30.00	324.01
1.50 m	1.50 m	247.08	291.17	31.14	379.60

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
2.00 m	10.00 m	133.64	0.83	29.67	109.43
2.00 m	10.00 m	142.52	42.99	30.65	144.11
2.00 m	10.00 m	151.57	88.80	31.66	181.36
2.00 m	10.00 m	160.63	137.43	32.67	220.49
2.00 m	10.00 m	169.69	188.89	33.67	261.50
2.00 m	10.00 m	178.75	243.16	34.68	304.39
2.00 m	5.00 m	142.81	0.86	30.72	116.27
2.00 m	5.00 m	152.30	44.52	31.74	152.37
2.00 m	5.00 m	161.98	91.96	32.79	191.15
2.00 m	5.00 m	171.66	142.32	33.83	231.87
2.00 m	5.00 m	181.34	195.60	34.87	274.54
2.00 m	5.00 m	191.02	251.81	35.91	319.16
2.00 m	3.33 m	151.99	0.89	31.78	123.10
2.00 m	3.33 m	162.08	46.04	32.83	160.64
2.00 m	3.33 m	172.39	95.11	33.91	200.94
2.00 m	3.33 m	182.69	147.20	34.99	243.25
2.00 m	3.33 m	192.99	202.31	36.07	287.58
2.00 m	3.33 m	203.29	260.45	37.15	333.93
2.00 m	2.50 m	161.16	0.92	32.83	129.94
2.00 m	2.50 m	171.87	47.57	33.92	168.91
2.00 m	2.50 m	182.79	98.27	35.04	210.73
2.00 m	2.50 m	193.72	152.09	36.15	254.64
2.00 m	2.50 m	204.64	209.03	37.26	300.62
2.00 m	2.50 m	215.57	269.09	38.38	348.69
2.00 m	2.00 m	170.34	0.95	33.89	136.78
2.00 m	2.00 m	181.65	49.10	35.01	177.18
2.00 m	2.00 m	193.20	101.42	36.16	220.52
2.00 m	2.00 m	204.75	156.97	37.31	266.02
2.00 m	2.00 m	216.29	215.74	38.46	313.66
2.00 m	2.00 m	227.84	277.74	39.61	363.46

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
0.50 m	2.50 m	134.18	0.83	7.43	94.97
0.50 m	2.50 m	169.69	47.22	8.42	150.22
0.50 m	2.50 m	205.93	105.73	9.42	214.05
0.50 m	2.50 m	242.16	175.53	10.43	285.41
0.50 m	2.50 m	278.39	256.62	11.44	364.30
0.50 m	2.50 m	314.63	348.99	12.44	450.71
0.50 m	1.25 m	143.39	0.86	7.70	101.30
0.50 m	1.25 m	181.34	48.90	8.72	159.31
0.50 m	1.25 m	220.06	109.49	9.76	226.21
0.50 m	1.25 m	258.79	181.77	10.80	300.90
0.50 m	1.25 m	297.51	265.74	11.84	383.39
0.50 m	1.25 m	336.23	361.40	12.89	473.67
0.50 m	0.83 m	152.61	0.89	7.96	107.64
0.50 m	0.83 m	192.99	50.58	9.02	168.39
0.50 m	0.83 m	234.20	113.25	10.09	238.36
0.50 m	0.83 m	275.41	188.01	11.17	316.39
0.50 m	0.83 m	316.62	274.86	12.25	402.49
0.50 m	0.83 m	357.83	373.80	13.33	496.64
0.50 m	0.63 m	161.82	0.92	8.22	113.98
0.50 m	0.63 m	204.64	52.26	9.32	177.48
0.50 m	0.63 m	248.34	117.01	10.43	250.52
0.50 m	0.63 m	292.04	194.25	11.54	331.88
0.50 m	0.63 m	335.73	283.98	12.66	421.58
0.50 m	0.63 m	379.43	386.21	13.77	519.61
0.50 m	0.50 m	171.03	0.95	8.49	120.31
0.50 m	0.50 m	216.29	53.94	9.62	186.56
0.50 m	0.50 m	262.48	120.76	10.76	262.67
0.50 m	0.50 m	308.66	200.49	11.91	347.38
0.50 m	0.50 m	354.85	293.10	13.06	440.68
0.50 m	0.50 m	401.03	398.61	14.21	542.57

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
1.00 m	5.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
1.50 m	7.50 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
2.00 m	10.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
0.50 m	2.50 m	1.06	1.08	0.92	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	12.52	1.81	134.53	0.85	13.66	99.37
1.00 m	5.00 m	12.52	1.81	160.80	49.00	13.66	148.98
1.00 m	5.00 m	12.52	1.81	187.60	111.06	13.66	208.21
1.00 m	5.00 m	12.52	1.81	186.67	165.92	13.66	244.17
1.00 m	5.00 m	12.52	1.81	193.34	227.71	13.66	289.81
1.00 m	5.00 m	12.52	1.81	197.80	290.07	13.66	334.35
1.00 m	2.50 m	12.52	1.81	144.27	0.90	12.48	105.10
1.00 m	2.50 m	12.52	1.81	172.44	51.75	12.48	157.78
1.00 m	2.50 m	12.52	1.81	201.18	117.28	12.48	220.62
1.00 m	2.50 m	12.52	1.81	200.19	175.20	12.48	258.58
1.00 m	2.50 m	12.52	1.81	207.34	240.46	12.48	306.85
1.00 m	2.50 m	12.52	1.81	212.12	306.31	12.48	353.93
1.00 m	1.67 m	12.52	1.81	154.02	0.95	11.29	110.83
1.00 m	1.67 m	12.52	1.81	184.08	54.49	11.29	166.57
1.00 m	1.67 m	12.52	1.81	214.76	123.49	11.29	233.03
1.00 m	1.67 m	12.52	1.81	213.71	184.49	11.29	272.99
1.00 m	1.67 m	12.52	1.81	221.34	253.21	11.29	323.89
1.00 m	1.67 m	12.52	1.81	226.44	322.54	11.29	373.52
1.00 m	1.25 m	12.52	1.81	163.76	1.00	10.10	116.57
1.00 m	1.25 m	12.52	1.81	195.73	57.23	10.10	175.37
1.00 m	1.25 m	12.52	1.81	228.35	129.71	10.10	245.44
1.00 m	1.25 m	12.52	1.81	227.23	193.78	10.10	287.40
1.00 m	1.25 m	12.52	1.81	235.34	265.96	10.10	340.93
1.00 m	1.25 m	12.52	1.81	240.76	338.78	10.10	393.10
1.00 m	1.00 m	12.52	1.81	173.50	1.04	8.91	122.30
1.00 m	1.00 m	12.52	1.81	207.37	59.98	8.91	184.17
1.00 m	1.00 m	12.52	1.81	241.93	135.93	8.91	257.85
1.00 m	1.00 m	12.52	1.81	240.74	203.07	8.91	301.81
1.00 m	1.00 m	12.52	1.81	249.34	278.70	8.91	357.97
1.00 m	1.00 m	12.52	1.81	255.08	355.02	8.91	412.68

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	12.52	1.81	134.35	0.85	20.50	103.80
1.50 m	7.50 m	12.52	1.81	151.86	46.83	20.50	146.13
1.50 m	7.50 m	12.52	1.81	169.73	102.36	20.50	195.06
1.50 m	7.50 m	12.52	1.81	187.60	166.59	20.50	249.79
1.50 m	7.50 m	12.52	1.81	183.70	218.32	20.50	281.68
1.50 m	7.50 m	12.52	1.81	189.22	279.63	20.50	326.24
1.50 m	3.75 m	12.52	1.81	144.08	0.90	18.71	109.13
1.50 m	3.75 m	12.52	1.81	162.86	49.45	18.71	154.02
1.50 m	3.75 m	12.52	1.81	182.02	108.09	18.71	205.88
1.50 m	3.75 m	12.52	1.81	201.18	175.92	18.71	263.87
1.50 m	3.75 m	12.52	1.81	197.00	230.55	18.71	297.51
1.50 m	3.75 m	12.52	1.81	202.93	295.29	18.71	344.62
1.50 m	2.50 m	12.52	1.81	153.81	0.95	16.93	114.46
1.50 m	2.50 m	12.52	1.81	173.86	52.07	16.93	161.91
1.50 m	2.50 m	12.52	1.81	194.31	113.82	16.93	216.71
1.50 m	2.50 m	12.52	1.81	214.76	185.24	16.93	277.96
1.50 m	2.50 m	12.52	1.81	210.30	242.77	16.93	313.33
1.50 m	2.50 m	12.52	1.81	216.63	310.94	16.93	363.00
1.50 m	1.88 m	12.52	1.81	163.54	0.99	15.15	119.79
1.50 m	1.88 m	12.52	1.81	184.85	54.69	15.15	169.80
1.50 m	1.88 m	12.52	1.81	206.60	119.55	15.15	227.53
1.50 m	1.88 m	12.52	1.81	228.35	194.57	15.15	292.04
1.50 m	1.88 m	12.52	1.81	223.60	254.99	15.15	329.16
1.50 m	1.88 m	12.52	1.81	230.33	326.59	15.15	381.38
1.50 m	1.50 m	12.52	1.81	173.27	1.04	13.37	125.12
1.50 m	1.50 m	12.52	1.81	195.85	57.31	13.37	177.69
1.50 m	1.50 m	12.52	1.81	218.89	125.28	13.37	238.36
1.50 m	1.50 m	12.52	1.81	241.93	203.89	13.37	306.13
1.50 m	1.50 m	12.52	1.81	236.91	267.21	13.37	344.99
1.50 m	1.50 m	12.52	1.81	244.03	342.25	13.37	399.76

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	12.52	1.81	134.27	0.85	27.33	108.30
2.00 m	10.00 m	12.52	1.81	147.40	45.74	27.33	146.98
2.00 m	10.00 m	12.52	1.81	160.80	98.01	27.33	190.75
2.00 m	10.00 m	12.52	1.81	174.20	156.80	27.33	238.88
2.00 m	10.00 m	12.52	1.81	187.60	222.12	27.33	291.36
2.00 m	10.00 m	12.52	1.81	182.03	270.87	27.33	320.15
2.00 m	5.00 m	12.52	1.81	143.99	0.90	24.95	113.22
2.00 m	5.00 m	12.52	1.81	158.07	48.30	24.95	154.21
2.00 m	5.00 m	12.52	1.81	172.44	103.49	24.95	200.59
2.00 m	5.00 m	12.52	1.81	186.81	165.58	24.95	251.56
2.00 m	5.00 m	12.52	1.81	201.18	234.55	24.95	307.12
2.00 m	5.00 m	12.52	1.81	195.21	286.03	24.95	337.46
2.00 m	3.33 m	12.52	1.81	153.71	0.95	22.58	118.15
2.00 m	3.33 m	12.52	1.81	168.74	50.86	22.58	161.45
2.00 m	3.33 m	12.52	1.81	184.08	108.98	22.58	210.43
2.00 m	3.33 m	12.52	1.81	199.42	174.36	22.58	264.24
2.00 m	3.33 m	12.52	1.81	214.76	246.99	22.58	322.88
2.00 m	3.33 m	12.52	1.81	208.39	301.19	22.58	354.77
2.00 m	2.50 m	12.52	1.81	163.43	0.99	20.20	123.08
2.00 m	2.50 m	12.52	1.81	179.42	53.42	20.20	168.69
2.00 m	2.50 m	12.52	1.81	195.73	114.47	20.20	220.26
2.00 m	2.50 m	12.52	1.81	212.04	183.13	20.20	276.91
2.00 m	2.50 m	12.52	1.81	228.35	259.42	20.20	338.65
2.00 m	2.50 m	12.52	1.81	221.57	316.35	20.20	372.08
2.00 m	2.00 m	12.52	1.81	173.15	1.04	17.82	128.01
2.00 m	2.00 m	12.52	1.81	190.09	55.98	17.82	175.93
2.00 m	2.00 m	12.52	1.81	207.37	119.95	17.82	230.10
2.00 m	2.00 m	12.52	1.81	224.65	191.91	17.82	289.59
2.00 m	2.00 m	12.52	1.81	241.93	271.86	17.82	354.41
2.00 m	2.00 m	12.52	1.81	234.75	331.52	17.82	389.39

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	12.52	1.81	135.07	0.85	6.83	95.17
0.50 m	2.50 m	12.52	1.81	187.60	55.53	6.83	166.64
0.50 m	2.50 m	12.52	1.81	193.34	113.86	6.83	209.35
0.50 m	2.50 m	12.52	1.81	200.95	176.34	6.83	256.08
0.50 m	2.50 m	12.52	1.81	205.06	239.13	6.83	300.68
0.50 m	2.50 m	12.52	1.81	207.61	302.02	6.83	344.31
0.50 m	1.25 m	12.52	1.81	144.85	0.90	6.24	101.33
0.50 m	1.25 m	12.52	1.81	201.18	58.64	6.24	177.37
0.50 m	1.25 m	12.52	1.81	207.34	120.23	6.24	222.54
0.50 m	1.25 m	12.52	1.81	215.50	186.21	6.24	271.96
0.50 m	1.25 m	12.52	1.81	219.91	252.52	6.24	319.11
0.50 m	1.25 m	12.52	1.81	222.64	318.93	6.24	365.21
0.50 m	0.83 m	12.52	1.81	154.63	0.95	5.64	107.48
0.50 m	0.83 m	12.52	1.81	214.76	61.75	5.64	188.10
0.50 m	0.83 m	12.52	1.81	221.34	126.60	5.64	235.72
0.50 m	0.83 m	12.52	1.81	230.05	196.09	5.64	287.85
0.50 m	0.83 m	12.52	1.81	234.76	265.90	5.64	337.54
0.50 m	0.83 m	12.52	1.81	237.68	335.83	5.64	386.10
0.50 m	0.63 m	12.52	1.81	164.41	1.00	5.05	113.64
0.50 m	0.63 m	12.52	1.81	228.35	64.86	5.05	198.84
0.50 m	0.63 m	12.52	1.81	235.34	132.98	5.05	248.91
0.50 m	0.63 m	12.52	1.81	244.60	205.96	5.05	303.73
0.50 m	0.63 m	12.52	1.81	249.60	279.29	5.05	355.96
0.50 m	0.63 m	12.52	1.81	252.71	352.74	5.05	407.00
0.50 m	0.50 m	12.52	1.81	174.19	1.05	4.46	119.79
0.50 m	0.50 m	12.52	1.81	241.93	67.96	4.46	209.57
0.50 m	0.50 m	12.52	1.81	249.34	139.35	4.46	262.10
0.50 m	0.50 m	12.52	1.81	259.15	215.83	4.46	319.62
0.50 m	0.50 m	12.52	1.81	264.45	292.68	4.46	374.39
0.50 m	0.50 m	12.52	1.81	267.74	369.65	4.46	427.90

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
1.00 m	5.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
1.50 m	7.50 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
2.00 m	10.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
0.50 m	2.50 m	1.06	1.08	0.92	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	4.89	12.52	3.66	134.53	0.85	27.59	108.65
1.00 m	5.00 m	4.89	12.52	3.66	160.80	49.13	27.59	158.35
1.00 m	5.00 m	4.89	12.52	3.66	187.60	111.35	27.59	217.69
1.00 m	5.00 m	4.89	12.52	3.66	186.67	166.35	27.59	253.75
1.00 m	5.00 m	4.89	12.52	3.66	193.34	228.31	27.59	299.50
1.00 m	5.00 m	4.89	12.52	3.66	197.80	290.83	27.59	344.15
1.00 m	2.50 m	4.89	12.52	3.66	144.27	0.90	25.19	113.58
1.00 m	2.50 m	4.89	12.52	3.66	172.44	52.00	25.19	166.43
1.00 m	2.50 m	4.89	12.52	3.66	201.18	117.86	25.19	229.49
1.00 m	2.50 m	4.89	12.52	3.66	200.19	176.08	25.19	267.64
1.00 m	2.50 m	4.89	12.52	3.66	207.34	241.66	25.19	316.13
1.00 m	2.50 m	4.89	12.52	3.66	212.12	307.84	25.19	363.43
1.00 m	1.67 m	4.89	12.52	3.66	154.02	0.95	22.79	118.51
1.00 m	1.67 m	4.89	12.52	3.66	184.08	54.88	22.79	174.50
1.00 m	1.67 m	4.89	12.52	3.66	214.76	124.37	22.79	241.29
1.00 m	1.67 m	4.89	12.52	3.66	213.71	185.80	22.79	281.54
1.00 m	1.67 m	4.89	12.52	3.66	221.34	255.01	22.79	332.76
1.00 m	1.67 m	4.89	12.52	3.66	226.44	324.84	22.79	382.71
1.00 m	1.25 m	4.89	12.52	3.66	163.76	1.00	20.39	123.44
1.00 m	1.25 m	4.89	12.52	3.66	195.73	57.75	20.39	182.58
1.00 m	1.25 m	4.89	12.52	3.66	228.35	130.88	20.39	253.08
1.00 m	1.25 m	4.89	12.52	3.66	227.23	195.53	20.39	295.43
1.00 m	1.25 m	4.89	12.52	3.66	235.34	268.36	20.39	349.39
1.00 m	1.25 m	4.89	12.52	3.66	240.76	341.84	20.39	402.00
1.00 m	1.00 m	4.89	12.52	3.66	173.50	1.05	17.99	128.37
1.00 m	1.00 m	4.89	12.52	3.66	207.37	60.62	17.99	190.66
1.00 m	1.00 m	4.89	12.52	3.66	241.93	137.39	17.99	264.88
1.00 m	1.00 m	4.89	12.52	3.66	240.74	205.25	17.99	309.33
1.00 m	1.00 m	4.89	12.52	3.66	249.34	281.70	17.99	366.02
1.00 m	1.00 m	4.89	12.52	3.66	255.08	358.84	17.99	421.28

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	4.89	12.52	3.66	134.35	0.85	41.39	117.73
1.50 m	7.50 m	4.89	12.52	3.66	151.86	46.95	41.39	160.14
1.50 m	7.50 m	4.89	12.52	3.66	169.73	102.63	41.39	209.16
1.50 m	7.50 m	4.89	12.52	3.66	187.60	167.03	41.39	264.01
1.50 m	7.50 m	4.89	12.52	3.66	183.70	218.90	41.39	295.99
1.50 m	7.50 m	4.89	12.52	3.66	189.22	280.37	41.39	340.66
1.50 m	3.75 m	4.89	12.52	3.66	144.08	0.90	37.79	121.85
1.50 m	3.75 m	4.89	12.52	3.66	162.86	49.70	37.79	166.90
1.50 m	3.75 m	4.89	12.52	3.66	182.02	108.63	37.79	218.96
1.50 m	3.75 m	4.89	12.52	3.66	201.18	176.79	37.79	277.18
1.50 m	3.75 m	4.89	12.52	3.66	197.00	231.70	37.79	310.99
1.50 m	3.75 m	4.89	12.52	3.66	202.93	296.76	37.79	358.32
1.50 m	2.50 m	4.89	12.52	3.66	153.81	0.95	34.19	125.97
1.50 m	2.50 m	4.89	12.52	3.66	173.86	52.44	34.19	173.66
1.50 m	2.50 m	4.89	12.52	3.66	194.31	114.63	34.19	228.75
1.50 m	2.50 m	4.89	12.52	3.66	214.76	186.56	34.19	290.34
1.50 m	2.50 m	4.89	12.52	3.66	210.30	244.49	34.19	325.99
1.50 m	2.50 m	4.89	12.52	3.66	216.63	313.15	34.19	375.98
1.50 m	1.88 m	4.89	12.52	3.66	163.54	1.00	30.59	130.09
1.50 m	1.88 m	4.89	12.52	3.66	184.85	55.19	30.59	180.42
1.50 m	1.88 m	4.89	12.52	3.66	206.60	120.63	30.59	238.55
1.50 m	1.88 m	4.89	12.52	3.66	228.35	196.32	30.59	303.51
1.50 m	1.88 m	4.89	12.52	3.66	223.60	257.29	30.59	340.99
1.50 m	1.88 m	4.89	12.52	3.66	230.33	329.54	30.59	393.64
1.50 m	1.50 m	4.89	12.52	3.66	173.27	1.05	26.99	134.21
1.50 m	1.50 m	4.89	12.52	3.66	195.85	57.93	26.99	187.18
1.50 m	1.50 m	4.89	12.52	3.66	218.89	126.63	26.99	248.34
1.50 m	1.50 m	4.89	12.52	3.66	241.93	206.09	26.99	316.67
1.50 m	1.50 m	4.89	12.52	3.66	236.91	270.09	26.99	355.99
1.50 m	1.50 m	4.89	12.52	3.66	244.03	345.93	26.99	411.30

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	4.89	12.52	3.66	134.27	0.85	55.18	126.87
2.00 m	10.00 m	4.89	12.52	3.66	147.40	45.86	55.18	165.63
2.00 m	10.00 m	4.89	12.52	3.66	160.80	98.27	55.18	209.50
2.00 m	10.00 m	4.89	12.52	3.66	174.20	157.21	55.18	257.73
2.00 m	10.00 m	4.89	12.52	3.66	187.60	222.71	55.18	310.32
2.00 m	10.00 m	4.89	12.52	3.66	182.03	271.58	55.18	339.19
2.00 m	5.00 m	4.89	12.52	3.66	143.99	0.90	50.39	130.18
2.00 m	5.00 m	4.89	12.52	3.66	158.07	48.54	50.39	171.33
2.00 m	5.00 m	4.89	12.52	3.66	172.44	104.01	50.39	217.89
2.00 m	5.00 m	4.89	12.52	3.66	186.81	166.40	50.39	269.07
2.00 m	5.00 m	4.89	12.52	3.66	201.18	235.72	50.39	324.86
2.00 m	5.00 m	4.89	12.52	3.66	195.21	287.46	50.39	355.37
2.00 m	3.33 m	4.89	12.52	3.66	153.71	0.95	45.59	133.50
2.00 m	3.33 m	4.89	12.52	3.66	168.74	51.22	45.59	177.04
2.00 m	3.33 m	4.89	12.52	3.66	184.08	109.75	45.59	226.28
2.00 m	3.33 m	4.89	12.52	3.66	199.42	175.59	45.59	280.40
2.00 m	3.33 m	4.89	12.52	3.66	214.76	248.74	45.59	339.40
2.00 m	3.33 m	4.89	12.52	3.66	208.39	303.33	45.59	371.54
2.00 m	2.50 m	4.89	12.52	3.66	163.43	1.00	40.79	136.82
2.00 m	2.50 m	4.89	12.52	3.66	179.42	53.90	40.79	182.74
2.00 m	2.50 m	4.89	12.52	3.66	195.73	115.50	40.79	234.68
2.00 m	2.50 m	4.89	12.52	3.66	212.04	184.79	40.79	291.74
2.00 m	2.50 m	4.89	12.52	3.66	228.35	261.76	40.79	353.93
2.00 m	2.50 m	4.89	12.52	3.66	221.57	319.21	40.79	387.71
2.00 m	2.00 m	4.89	12.52	3.66	173.15	1.05	35.99	140.13
2.00 m	2.00 m	4.89	12.52	3.66	190.09	56.58	35.99	188.44
2.00 m	2.00 m	4.89	12.52	3.66	207.37	121.24	35.99	243.07
2.00 m	2.00 m	4.89	12.52	3.66	224.65	193.98	35.99	303.08
2.00 m	2.00 m	4.89	12.52	3.66	241.93	274.78	35.99	368.47
2.00 m	2.00 m	4.89	12.52	3.66	234.75	335.09	35.99	403.88

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	4.89	12.52	3.66	135.07	0.86	13.80	99.82
0.50 m	2.50 m	4.89	12.52	3.66	187.60	55.68	13.80	171.38
0.50 m	2.50 m	4.89	12.52	3.66	193.34	114.16	13.80	214.20
0.50 m	2.50 m	4.89	12.52	3.66	200.95	176.81	13.80	261.03
0.50 m	2.50 m	4.89	12.52	3.66	205.06	239.76	13.80	305.75
0.50 m	2.50 m	4.89	12.52	3.66	207.61	302.82	13.80	349.48
0.50 m	1.25 m	4.89	12.52	3.66	144.85	0.91	12.60	105.57
0.50 m	1.25 m	4.89	12.52	3.66	201.18	58.93	12.60	181.81
0.50 m	1.25 m	4.89	12.52	3.66	207.34	120.83	12.60	227.18
0.50 m	1.25 m	4.89	12.52	3.66	215.50	187.14	12.60	276.82
0.50 m	1.25 m	4.89	12.52	3.66	219.91	253.78	12.60	324.19
0.50 m	1.25 m	4.89	12.52	3.66	222.64	320.52	12.60	370.51
0.50 m	0.83 m	4.89	12.52	3.66	154.63	0.96	11.40	111.32
0.50 m	0.83 m	4.89	12.52	3.66	214.76	62.19	11.40	192.23
0.50 m	0.83 m	4.89	12.52	3.66	221.34	127.50	11.40	240.16
0.50 m	0.83 m	4.89	12.52	3.66	230.05	197.48	11.40	292.61
0.50 m	0.83 m	4.89	12.52	3.66	234.76	267.79	11.40	342.63
0.50 m	0.83 m	4.89	12.52	3.66	237.68	338.22	11.40	391.53
0.50 m	0.63 m	4.89	12.52	3.66	164.41	1.01	10.20	117.08
0.50 m	0.63 m	4.89	12.52	3.66	228.35	65.44	10.20	202.66
0.50 m	0.63 m	4.89	12.52	3.66	235.34	134.18	10.20	253.14
0.50 m	0.63 m	4.89	12.52	3.66	244.60	207.82	10.20	308.41
0.50 m	0.63 m	4.89	12.52	3.66	249.60	281.81	10.20	361.08
0.50 m	0.63 m	4.89	12.52	3.66	252.71	355.92	10.20	412.55
0.50 m	0.50 m	4.89	12.52	3.66	174.19	1.06	9.00	122.83
0.50 m	0.50 m	4.89	12.52	3.66	241.93	68.70	9.00	213.08
0.50 m	0.50 m	4.89	12.52	3.66	249.34	140.85	9.00	266.12
0.50 m	0.50 m	4.89	12.52	3.66	259.15	218.15	9.00	324.20
0.50 m	0.50 m	4.89	12.52	3.66	264.45	295.83	9.00	379.52
0.50 m	0.50 m	4.89	12.52	3.66	267.74	373.63	9.00	433.58

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	5.00 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	5.00 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	5.00 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	5.00 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	5.00 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	2.50 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	2.50 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	2.50 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	2.50 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	2.50 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	2.50 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.67 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	1.67 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	1.67 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	1.67 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	1.67 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	1.67 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.25 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	1.25 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	1.25 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	1.25 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	1.25 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	1.25 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.00 m	5.59	14.79	2.98	190.84	0.75	19.56	140.77
1.00 m	1.00 m	5.59	14.79	2.98	190.84	37.67	19.56	165.38
1.00 m	1.00 m	5.59	14.79	2.98	190.84	75.34	19.56	190.49
1.00 m	1.00 m	5.59	14.79	2.98	190.84	113.01	19.56	215.60
1.00 m	1.00 m	5.59	14.79	2.98	190.84	150.68	19.56	240.72
1.00 m	1.00 m	5.59	14.79	2.98	190.84	188.34	19.56	265.83

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	7.50 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	7.50 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	7.50 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	7.50 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	7.50 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	3.75 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	3.75 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	3.75 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	3.75 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	3.75 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	3.75 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	2.50 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	2.50 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	2.50 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	2.50 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	2.50 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	2.50 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	1.88 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	1.88 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	1.88 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	1.88 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	1.88 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	1.88 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	1.50 m	5.59	14.79	2.98	190.84	0.75	29.34	147.29
1.50 m	1.50 m	5.59	14.79	2.98	190.84	37.67	29.34	171.90
1.50 m	1.50 m	5.59	14.79	2.98	190.84	75.34	29.34	197.01
1.50 m	1.50 m	5.59	14.79	2.98	190.84	113.01	29.34	222.12
1.50 m	1.50 m	5.59	14.79	2.98	190.84	150.68	29.34	247.24
1.50 m	1.50 m	5.59	14.79	2.98	190.84	188.34	29.34	272.35

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	10.00 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	10.00 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	10.00 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	10.00 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	10.00 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	5.00 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	5.00 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	5.00 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	5.00 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	5.00 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	5.00 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	3.33 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	3.33 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	3.33 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	3.33 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	3.33 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	3.33 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	2.50 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	2.50 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	2.50 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	2.50 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	2.50 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	2.50 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	2.00 m	5.59	14.79	2.98	190.84	0.75	39.12	153.81
2.00 m	2.00 m	5.59	14.79	2.98	190.84	37.67	39.12	178.42
2.00 m	2.00 m	5.59	14.79	2.98	190.84	75.34	39.12	203.53
2.00 m	2.00 m	5.59	14.79	2.98	190.84	113.01	39.12	228.64
2.00 m	2.00 m	5.59	14.79	2.98	190.84	150.68	39.12	253.75
2.00 m	2.00 m	5.59	14.79	2.98	190.84	188.34	39.12	278.87

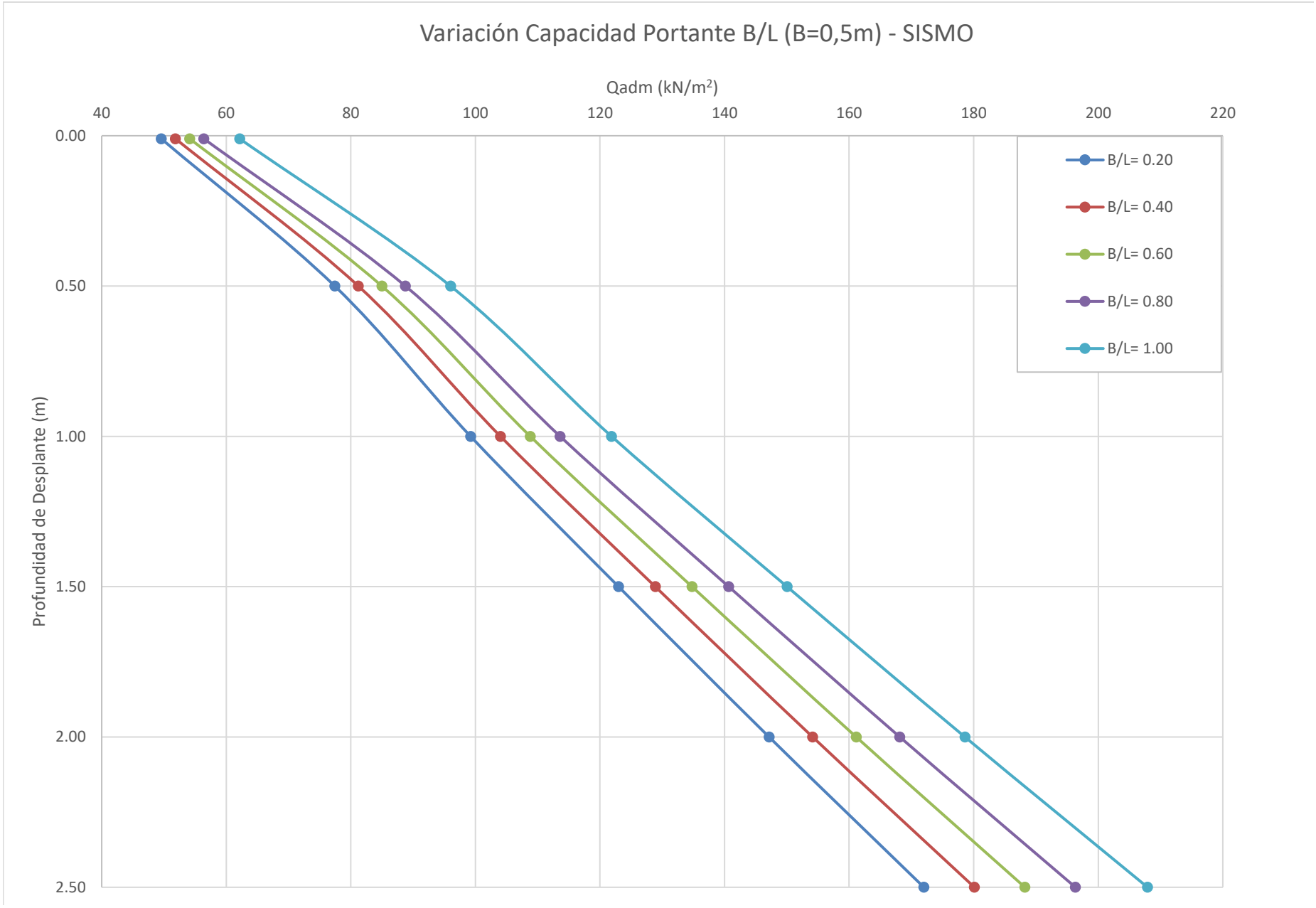
DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	2.50 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	2.50 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	2.50 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	2.50 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	2.50 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	1.25 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	1.25 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	1.25 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	1.25 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	1.25 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	1.25 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.83 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	0.83 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	0.83 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	0.83 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	0.83 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	0.83 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.63 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	0.63 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	0.63 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	0.63 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	0.63 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	0.63 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.50 m	5.59	14.79	2.98	190.84	0.75	9.78	134.25
0.50 m	0.50 m	5.59	14.79	2.98	190.84	37.67	9.78	158.86
0.50 m	0.50 m	5.59	14.79	2.98	190.84	75.34	9.78	183.97
0.50 m	0.50 m	5.59	14.79	2.98	190.84	113.01	9.78	209.08
0.50 m	0.50 m	5.59	14.79	2.98	190.84	150.68	9.78	234.20
0.50 m	0.50 m	5.59	14.79	2.98	190.84	188.34	9.78	259.31

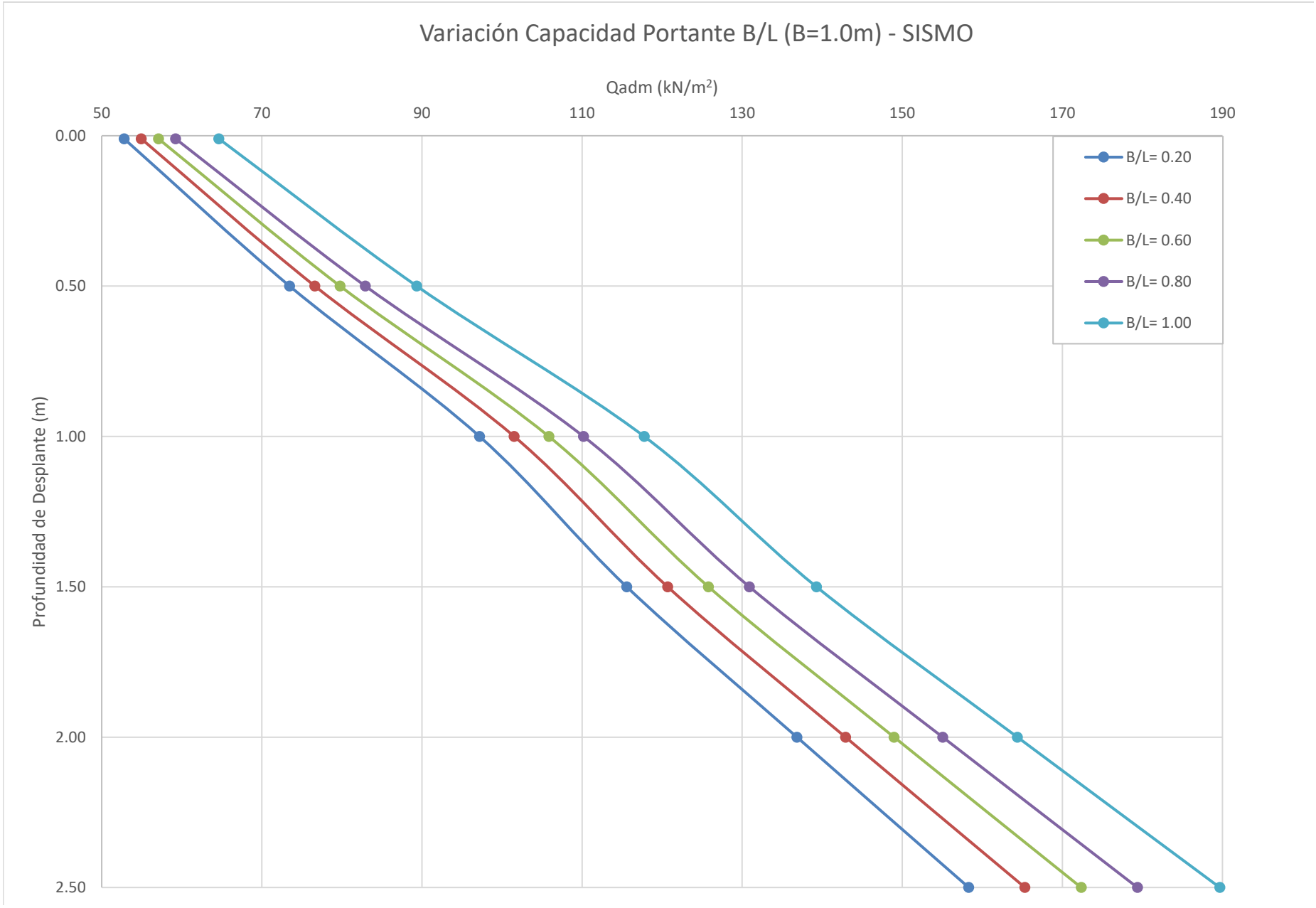
DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
1.00 m	5.00 m	**33.22**	**33.12**	**36.22**	**38.22**	**35.20**
1.00 m	5.00 m	**47.07**	**49.66**	**52.78**	**46.43**	**48.98**
1.00 m	5.00 m	**62.44**	**69.40**	**72.56**	**54.80**	**64.80**
1.00 m	5.00 m	**79.06**	**81.39**	**84.58**	**63.17**	**77.05**
1.00 m	5.00 m	**96.94**	**96.60**	**99.83**	**71.54**	**91.23**
1.00 m	5.00 m	**116.07**	**111.45**	**114.72**	**79.91**	**105.54**
1.00 m	2.50 m	**35.39**	**35.03**	**37.86**	**38.22**	**36.63**
1.00 m	2.50 m	**49.86**	**52.59**	**55.48**	**46.43**	**51.09**
1.00 m	2.50 m	**65.91**	**73.54**	**76.50**	**54.80**	**67.69**
1.00 m	2.50 m	**83.25**	**86.19**	**89.21**	**63.17**	**80.46**
1.00 m	2.50 m	**101.90**	**102.28**	**105.38**	**71.54**	**95.28**
1.00 m	2.50 m	**121.85**	**117.98**	**121.14**	**79.91**	**110.22**
1.00 m	1.67 m	**37.55**	**36.94**	**39.50**	**38.22**	**38.06**
1.00 m	1.67 m	**52.64**	**55.52**	**58.17**	**46.43**	**53.19**
1.00 m	1.67 m	**69.37**	**77.68**	**80.43**	**54.80**	**70.57**
1.00 m	1.67 m	**87.45**	**91.00**	**93.85**	**63.17**	**83.86**
1.00 m	1.67 m	**106.86**	**107.96**	**110.92**	**71.54**	**99.32**
1.00 m	1.67 m	**127.62**	**124.51**	**127.57**	**79.91**	**114.90**
1.00 m	1.25 m	**39.72**	**38.86**	**41.15**	**38.22**	**39.49**
1.00 m	1.25 m	**55.43**	**58.46**	**60.86**	**46.43**	**55.29**
1.00 m	1.25 m	**72.84**	**81.81**	**84.36**	**54.80**	**73.45**
1.00 m	1.25 m	**91.64**	**95.80**	**98.48**	**63.17**	**87.27**
1.00 m	1.25 m	**111.82**	**113.64**	**116.46**	**71.54**	**103.37**
1.00 m	1.25 m	**133.40**	**131.03**	**134.00**	**79.91**	**119.58**
1.00 m	1.00 m	**41.88**	**40.77**	**42.79**	**46.92**	**43.09**
1.00 m	1.00 m	**58.22**	**61.39**	**63.55**	**55.13**	**59.57**
1.00 m	1.00 m	**76.31**	**85.95**	**88.29**	**63.50**	**78.51**
1.00 m	1.00 m	**95.83**	**100.60**	**103.11**	**71.87**	**92.85**
1.00 m	1.00 m	**116.79**	**119.32**	**122.01**	**80.24**	**109.59**
1.00 m	1.00 m	**139.17**	**137.56**	**140.43**	**88.61**	**126.44**

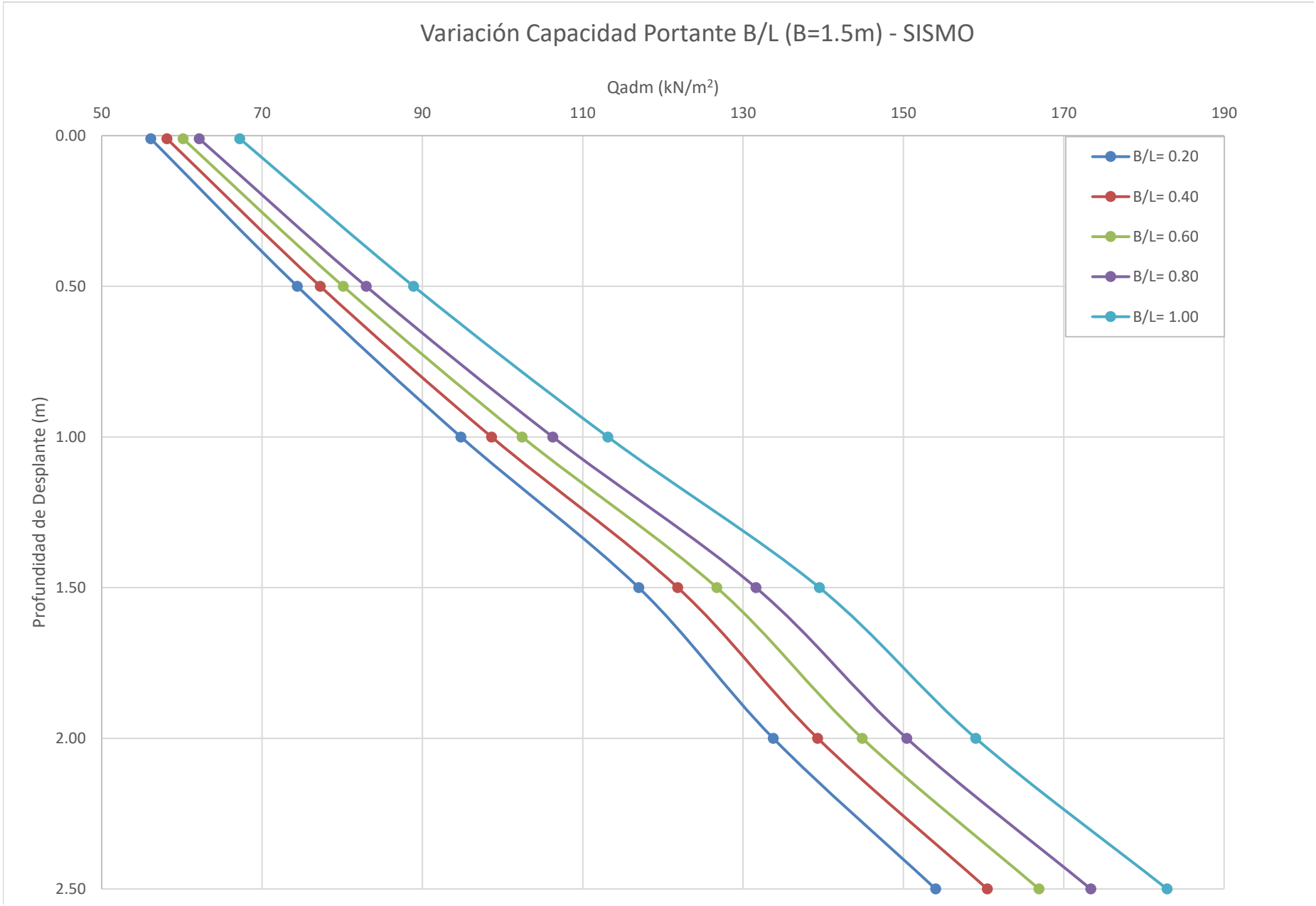
DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
1.50 m	7.50 m	**34.84**	**34.60**	**39.24**	**40.94**	**37.41**
1.50 m	7.50 m	**47.16**	**48.71**	**53.38**	**49.14**	**49.60**
1.50 m	7.50 m	**60.56**	**65.02**	**69.72**	**57.51**	**63.20**
1.50 m	7.50 m	**74.80**	**83.26**	**88.00**	**65.88**	**77.99**
1.50 m	7.50 m	**89.88**	**93.89**	**98.66**	**74.25**	**89.17**
1.50 m	7.50 m	**105.79**	**108.75**	**113.55**	**82.63**	**102.68**
1.50 m	3.75 m	**37.06**	**36.38**	**40.62**	**40.94**	**38.75**
1.50 m	3.75 m	**49.91**	**51.34**	**55.63**	**49.14**	**51.51**
1.50 m	3.75 m	**63.88**	**68.63**	**72.99**	**57.51**	**65.75**
1.50 m	3.75 m	**78.71**	**87.96**	**92.39**	**65.88**	**81.24**
1.50 m	3.75 m	**94.41**	**99.17**	**103.66**	**74.25**	**92.87**
1.50 m	3.75 m	**110.97**	**114.87**	**119.44**	**82.63**	**106.98**
1.50 m	2.50 m	**39.29**	**38.15**	**41.99**	**40.94**	**40.09**
1.50 m	2.50 m	**52.66**	**53.97**	**57.89**	**49.14**	**53.41**
1.50 m	2.50 m	**67.19**	**72.24**	**76.25**	**57.51**	**68.30**
1.50 m	2.50 m	**82.62**	**92.65**	**96.78**	**65.88**	**84.48**
1.50 m	2.50 m	**98.94**	**104.44**	**108.66**	**74.25**	**96.58**
1.50 m	2.50 m	**116.16**	**121.00**	**125.33**	**82.63**	**111.28**
1.50 m	1.88 m	**41.51**	**39.93**	**43.36**	**40.94**	**41.44**
1.50 m	1.88 m	**55.41**	**56.60**	**60.14**	**49.14**	**55.32**
1.50 m	1.88 m	**70.50**	**75.84**	**79.52**	**57.51**	**70.84**
1.50 m	1.88 m	**86.52**	**97.35**	**101.17**	**65.88**	**87.73**
1.50 m	1.88 m	**103.47**	**109.72**	**113.66**	**74.25**	**100.28**
1.50 m	1.88 m	**121.35**	**127.13**	**131.21**	**82.63**	**115.58**
1.50 m	1.50 m	**43.73**	**41.71**	**44.74**	**49.10**	**44.82**
1.50 m	1.50 m	**58.15**	**59.23**	**62.39**	**57.30**	**59.27**
1.50 m	1.50 m	**73.81**	**79.45**	**82.78**	**65.67**	**75.43**
1.50 m	1.50 m	**90.43**	**102.04**	**105.56**	**74.04**	**93.02**
1.50 m	1.50 m	**108.00**	**115.00**	**118.66**	**82.41**	**106.02**
1.50 m	1.50 m	**126.53**	**133.25**	**137.10**	**90.78**	**121.92**

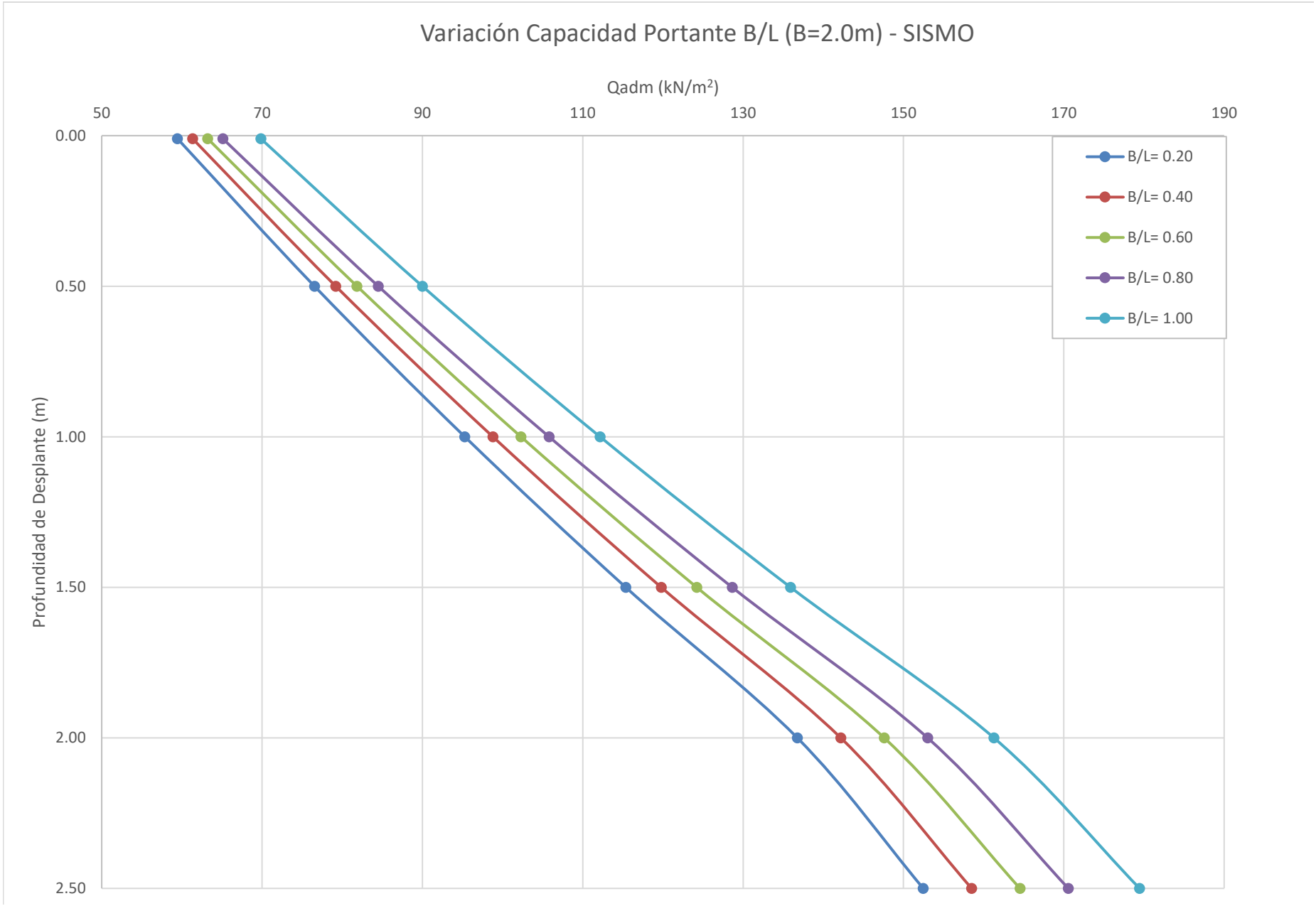
DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
2.00 m	10.00 m	**36.48**	**36.10**	**42.29**	**43.66**	**39.63**
2.00 m	10.00 m	**48.04**	**48.99**	**55.21**	**51.86**	**51.02**
2.00 m	10.00 m	**60.45**	**63.58**	**69.83**	**60.23**	**63.52**
2.00 m	10.00 m	**73.50**	**79.63**	**85.91**	**68.60**	**76.91**
2.00 m	10.00 m	**87.17**	**97.12**	**103.44**	**76.97**	**91.18**
2.00 m	10.00 m	**101.46**	**106.72**	**113.06**	**85.34**	**101.65**
2.00 m	5.00 m	**38.76**	**37.74**	**43.39**	**43.66**	**40.89**
2.00 m	5.00 m	**50.79**	**51.40**	**57.11**	**51.86**	**52.79**
2.00 m	5.00 m	**63.72**	**66.86**	**72.63**	**60.23**	**65.86**
2.00 m	5.00 m	**77.29**	**83.85**	**89.69**	**68.60**	**79.86**
2.00 m	5.00 m	**91.51**	**102.37**	**108.29**	**76.97**	**94.79**
2.00 m	5.00 m	**106.39**	**112.49**	**118.46**	**85.34**	**105.67**
2.00 m	3.33 m	**41.03**	**39.38**	**44.50**	**43.66**	**42.14**
2.00 m	3.33 m	**53.55**	**53.82**	**59.01**	**51.86**	**54.56**
2.00 m	3.33 m	**66.98**	**70.14**	**75.43**	**60.23**	**68.19**
2.00 m	3.33 m	**81.08**	**88.08**	**93.47**	**68.60**	**82.81**
2.00 m	3.33 m	**95.86**	**107.63**	**113.13**	**76.97**	**98.40**
2.00 m	3.33 m	**111.31**	**118.26**	**123.85**	**85.34**	**109.69**
2.00 m	2.50 m	**43.31**	**41.03**	**45.61**	**43.66**	**43.40**
2.00 m	2.50 m	**56.30**	**56.23**	**60.91**	**51.86**	**56.33**
2.00 m	2.50 m	**70.24**	**73.42**	**78.23**	**60.23**	**70.53**
2.00 m	2.50 m	**84.88**	**92.30**	**97.25**	**68.60**	**85.76**
2.00 m	2.50 m	**100.21**	**112.88**	**117.98**	**76.97**	**102.01**
2.00 m	2.50 m	**116.23**	**124.03**	**129.24**	**85.34**	**113.71**
2.00 m	2.00 m	**45.59**	**42.67**	**46.71**	**51.27**	**46.56**
2.00 m	2.00 m	**59.06**	**58.64**	**62.81**	**59.47**	**60.00**
2.00 m	2.00 m	**73.51**	**76.70**	**81.02**	**67.84**	**74.77**
2.00 m	2.00 m	**88.67**	**96.53**	**101.03**	**76.21**	**90.61**
2.00 m	2.00 m	**104.55**	**118.14**	**122.82**	**84.58**	**107.52**
2.00 m	2.00 m	**121.15**	**129.80**	**134.63**	**92.96**	**119.63**

DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
0.50 m	2.50 m	**31.66**	**31.72**	**33.27**	**35.51**	**33.04**
0.50 m	2.50 m	**50.07**	**55.55**	**57.13**	**43.71**	**51.61**
0.50 m	2.50 m	**71.35**	**69.78**	**71.40**	**52.08**	**66.15**
0.50 m	2.50 m	**95.14**	**85.36**	**87.01**	**60.45**	**81.99**
0.50 m	2.50 m	**121.43**	**100.23**	**101.92**	**68.82**	**98.10**
0.50 m	2.50 m	**150.24**	**114.77**	**116.49**	**77.19**	**114.67**
0.50 m	1.25 m	**33.77**	**33.78**	**35.19**	**35.51**	**34.56**
0.50 m	1.25 m	**53.10**	**59.12**	**60.60**	**43.71**	**54.13**
0.50 m	1.25 m	**75.40**	**74.18**	**75.73**	**52.08**	**69.35**
0.50 m	1.25 m	**100.30**	**90.65**	**92.27**	**60.45**	**85.92**
0.50 m	1.25 m	**127.80**	**106.37**	**108.06**	**68.82**	**102.76**
0.50 m	1.25 m	**157.89**	**121.74**	**123.50**	**77.19**	**120.08**
0.50 m	0.83 m	**35.88**	**35.83**	**37.11**	**35.51**	**36.08**
0.50 m	0.83 m	**56.13**	**62.70**	**64.08**	**43.71**	**56.65**
0.50 m	0.83 m	**79.45**	**78.57**	**80.05**	**52.08**	**72.54**
0.50 m	0.83 m	**105.46**	**95.95**	**97.54**	**60.45**	**89.85**
0.50 m	0.83 m	**134.16**	**112.51**	**114.21**	**68.82**	**107.43**
0.50 m	0.83 m	**165.55**	**128.70**	**130.51**	**77.19**	**125.49**
0.50 m	0.63 m	**37.99**	**37.88**	**39.03**	**35.51**	**37.60**
0.50 m	0.63 m	**59.16**	**66.28**	**67.55**	**43.71**	**59.17**
0.50 m	0.63 m	**83.51**	**82.97**	**84.38**	**52.08**	**75.73**
0.50 m	0.63 m	**110.63**	**101.24**	**102.80**	**60.45**	**93.78**
0.50 m	0.63 m	**140.53**	**118.65**	**120.36**	**68.82**	**112.09**
0.50 m	0.63 m	**173.20**	**135.67**	**137.52**	**77.19**	**130.89**
0.50 m	0.50 m	**40.10**	**39.93**	**40.94**	**44.75**	**41.43**
0.50 m	0.50 m	**62.19**	**69.86**	**71.03**	**52.95**	**64.01**
0.50 m	0.50 m	**87.56**	**87.37**	**88.71**	**61.32**	**81.24**
0.50 m	0.50 m	**115.79**	**106.54**	**108.07**	**69.69**	**100.02**
0.50 m	0.50 m	**146.89**	**124.80**	**126.51**	**78.07**	**119.06**
0.50 m	0.50 m	**180.86**	**142.63**	**144.53**	**86.44**	**138.61**


Variación Capacidad Portante B/L (B=0,5m) - SISMO
Qadm (kN/m²)
40
60
80
100
120
140
160
180
200
220
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=1.0m) - SISMO
Qadm (kN/m²)
50
70
90
110
130
150
170
190
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=1.5m) - SISMO
Qadm (kN/m2)
50
70
90
110
130
150
170
190
0.00
0.50
1.00
1.50
2.00
2.50
Profundidad de Desplante (m)
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Capacidad Portante B/L (B=2.0m) - SISMO
Qadm (kN/m²)
50
70
90
110
130
150
170
190
0.00
0.50
1.00
1.50
2.00
2.50
Profundidad de Desplante (m)
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
1.00 m	5.00 m	**16.41**	**25.87**	**14.89**	17.2	9.9	0.01
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	5.00 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	2.50 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.67 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.25 m	16.41	25.9	14.9	17.2	9.9	2.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	0.01
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	0.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	1.00
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	1.50
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	2.00
1.00 m	1.00 m	16.41	25.9	14.9	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	7.50 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	3.75 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	1.88 m	16.41	25.87	14.89	17.2	9.9	2.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	0.01
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	0.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	1.00
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	1.50
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	2.00
1.50 m	1.50 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	10.00 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	5.00 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	3.33 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	0.01
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	0.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	1.00
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	1.50
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	2.00
2.00 m	2.00 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		PROPIEDADES SUELO					
B (m)	L(m)	γ (kN/m^3)	ϕ	C (kN/m^2)	(2/3) ϕ	(2/3) C (kN/m^2)	D (m)
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	2.50 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	1.25 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.83 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.63 m	16.41	25.87	14.89	17.2	9.9	2.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	0.01
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	0.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	1.00
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	1.50
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	2.00
0.50 m	0.50 m	16.41	25.87	14.89	17.2	9.9	2.50

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
1.00 m	5.00 m	1.0	5.0	0.01	0.0	0.0
1.00 m	5.00 m	1.0	5.0	0.50	0.0	0.0
1.00 m	5.00 m	1.0	5.0	1.00	0.0	0.0
1.00 m	5.00 m	1.0	5.0	1.50	0.0	0.0
1.00 m	5.00 m	1.0	5.0	2.00	0.0	0.0
1.00 m	5.00 m	1.0	5.0	2.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	0.01	0.0	0.0
1.00 m	2.50 m	1.0	2.5	0.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	1.00	0.0	0.0
1.00 m	2.50 m	1.0	2.5	1.50	0.0	0.0
1.00 m	2.50 m	1.0	2.5	2.00	0.0	0.0
1.00 m	2.50 m	1.0	2.5	2.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	0.01	0.0	0.0
1.00 m	1.67 m	1.0	1.7	0.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	1.00	0.0	0.0
1.00 m	1.67 m	1.0	1.7	1.50	0.0	0.0
1.00 m	1.67 m	1.0	1.7	2.00	0.0	0.0
1.00 m	1.67 m	1.0	1.7	2.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	0.01	0.0	0.0
1.00 m	1.25 m	1.0	1.3	0.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	1.00	0.0	0.0
1.00 m	1.25 m	1.0	1.3	1.50	0.0	0.0
1.00 m	1.25 m	1.0	1.3	2.00	0.0	0.0
1.00 m	1.25 m	1.0	1.3	2.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	0.01	0.0	0.0
1.00 m	1.00 m	1.0	1.0	0.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	1.00	0.0	0.0
1.00 m	1.00 m	1.0	1.0	1.50	0.0	0.0
1.00 m	1.00 m	1.0	1.0	2.00	0.0	0.0
1.00 m	1.00 m	1.0	1.0	2.50	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
1.50 m	7.50 m	1.5	7.5	0.01	0.0	0.0
1.50 m	7.50 m	1.5	7.5	0.33	0.0	0.0
1.50 m	7.50 m	1.5	7.5	0.67	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.00	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.33	0.0	0.0
1.50 m	7.50 m	1.5	7.5	1.67	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.01	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.33	0.0	0.0
1.50 m	3.75 m	1.5	3.8	0.67	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.00	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.33	0.0	0.0
1.50 m	3.75 m	1.5	3.8	1.67	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.01	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.33	0.0	0.0
1.50 m	2.50 m	1.5	2.5	0.67	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.00	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.33	0.0	0.0
1.50 m	2.50 m	1.5	2.5	1.67	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.01	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.33	0.0	0.0
1.50 m	1.88 m	1.5	1.9	0.67	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.00	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.33	0.0	0.0
1.50 m	1.88 m	1.5	1.9	1.67	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.01	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.33	0.0	0.0
1.50 m	1.50 m	1.5	1.5	0.67	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.00	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.33	0.0	0.0
1.50 m	1.50 m	1.5	1.5	1.67	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
2.00 m	10.00 m	2.0	10.0	0.01	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.25	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.50	0.0	0.0
2.00 m	10.00 m	2.0	10.0	0.75	0.0	0.0
2.00 m	10.00 m	2.0	10.0	1.00	0.0	0.0
2.00 m	10.00 m	2.0	10.0	1.25	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.01	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.25	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.50	0.0	0.0
2.00 m	5.00 m	2.0	5.0	0.75	0.0	0.0
2.00 m	5.00 m	2.0	5.0	1.00	0.0	0.0
2.00 m	5.00 m	2.0	5.0	1.25	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.01	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.25	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.50	0.0	0.0
2.00 m	3.33 m	2.0	3.3	0.75	0.0	0.0
2.00 m	3.33 m	2.0	3.3	1.00	0.0	0.0
2.00 m	3.33 m	2.0	3.3	1.25	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.01	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.25	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.50	0.0	0.0
2.00 m	2.50 m	2.0	2.5	0.75	0.0	0.0
2.00 m	2.50 m	2.0	2.5	1.00	0.0	0.0
2.00 m	2.50 m	2.0	2.5	1.25	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.01	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.25	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.50	0.0	0.0
2.00 m	2.00 m	2.0	2.0	0.75	0.0	0.0
2.00 m	2.00 m	2.0	2.0	1.00	0.0	0.0
2.00 m	2.00 m	2.0	2.0	1.25	0.0	0.0

DIMENSIONES		GEOMETRIA				
B (m)	L(m)	**B (m)**	**L (m)**	**D/B**	**α**	**θ**
0.50 m	2.50 m	0.5	2.5	0.02	0.0	0.0
0.50 m	2.50 m	0.5	2.5	1.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	2.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	3.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	4.00	0.0	0.0
0.50 m	2.50 m	0.5	2.5	5.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	0.02	0.0	0.0
0.50 m	1.25 m	0.5	1.3	1.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	2.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	3.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	4.00	0.0	0.0
0.50 m	1.25 m	0.5	1.3	5.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	0.02	0.0	0.0
0.50 m	0.83 m	0.5	0.8	1.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	2.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	3.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	4.00	0.0	0.0
0.50 m	0.83 m	0.5	0.8	5.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	0.02	0.0	0.0
0.50 m	0.63 m	0.5	0.6	1.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	2.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	3.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	4.00	0.0	0.0
0.50 m	0.63 m	0.5	0.6	5.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	0.02	0.0	0.0
0.50 m	0.50 m	0.5	0.5	1.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	2.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	3.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	4.00	0.0	0.0
0.50 m	0.50 m	0.5	0.5	5.00	0.0	0.0

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
1.00 m	5.00 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	5.00 m	1.04	1.07	1.04	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	2.50 m	1.07	1.15	1.07	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.67 m	1.11	1.22	1.11	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.25 m	1.15	1.29	1.15	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.20	1.41	1.20	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
1.00 m	1.00 m	1.18	1.37	1.18	1.34	1.68	1.34	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
1.50 m	7.50 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	7.50 m	1.04	1.07	1.04	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	3.75 m	1.07	1.15	1.07	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	2.50 m	1.11	1.22	1.11	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.88 m	1.15	1.29	1.15	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.05	1.09	1.05	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.09	1.18	1.09	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.18	1.36	1.18	1.00	1.00	1.00	4.89	12.52	1.74
1.50 m	1.50 m	1.18	1.37	1.18	1.23	1.45	1.23	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
2.00 m	10.00 m	1.04	1.07	1.04	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	10.00 m	1.04	1.07	1.04	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	5.00 m	1.07	1.15	1.07	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	3.33 m	1.11	1.22	1.11	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.50 m	1.15	1.29	1.15	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.00	1.00	1.00	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.03	1.07	1.03	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.07	1.14	1.07	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.10	1.20	1.10	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
2.00 m	2.00 m	1.18	1.37	1.18	1.17	1.34	1.17	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA					
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	N_q	N_c	N_γ
0.50 m	2.50 m	1.04	1.07	1.04	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	2.50 m	1.04	1.07	1.04	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	1.25 m	1.07	1.15	1.07	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.83 m	1.11	1.22	1.11	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.63 m	1.15	1.29	1.15	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.00	1.01	1.00	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.14	1.27	1.14	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.27	1.54	1.27	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.41	1.81	1.41	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.54	2.09	1.54	1.00	1.00	1.00	4.89	12.52	1.74
0.50 m	0.50 m	1.18	1.37	1.18	1.68	2.36	1.68	1.00	1.00	1.00	4.89	12.52	1.74

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
1.00 m	5.00 m	133.82	0.83	14.84	99.66
1.00 m	5.00 m	151.57	44.40	15.83	141.20
1.00 m	5.00 m	169.69	94.44	16.84	187.31
1.00 m	5.00 m	187.81	150.13	17.84	237.19
1.00 m	5.00 m	205.93	211.46	18.85	290.82
1.00 m	5.00 m	224.04	278.44	19.86	348.22
1.00 m	2.50 m	143.01	0.86	15.37	106.16
1.00 m	2.50 m	161.98	45.98	16.39	149.57
1.00 m	2.50 m	181.34	97.80	17.44	197.72
1.00 m	2.50 m	200.70	155.47	18.48	249.76
1.00 m	2.50 m	220.06	218.98	19.52	305.71
1.00 m	2.50 m	239.42	288.34	20.56	365.55
1.00 m	1.67 m	152.19	0.89	15.90	112.66
1.00 m	1.67 m	172.39	47.56	16.96	157.93
1.00 m	1.67 m	192.99	101.16	18.03	208.12
1.00 m	1.67 m	213.60	160.80	19.11	262.34
1.00 m	1.67 m	234.20	226.50	20.19	320.59
1.00 m	1.67 m	254.81	298.23	21.27	382.87
1.00 m	1.25 m	161.38	0.92	16.43	119.15
1.00 m	1.25 m	182.79	49.13	17.52	166.30
1.00 m	1.25 m	204.64	104.51	18.63	218.53
1.00 m	1.25 m	226.49	166.14	19.75	274.92
1.00 m	1.25 m	248.34	234.01	20.86	335.47
1.00 m	1.25 m	270.19	308.13	21.97	400.19
1.00 m	1.00 m	170.57	0.95	16.96	125.65
1.00 m	1.00 m	193.20	50.71	18.08	174.66
1.00 m	1.00 m	216.29	107.87	19.23	228.93
1.00 m	1.00 m	239.38	171.48	20.38	287.49
1.00 m	1.00 m	262.48	241.53	21.53	350.36
1.00 m	1.00 m	285.57	318.03	22.68	417.52

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
1.50 m	7.50 m	133.70	0.83	22.26	104.53
1.50 m	7.50 m	145.54	43.46	23.24	141.49
1.50 m	7.50 m	157.61	90.68	24.25	181.69
1.50 m	7.50 m	169.69	141.66	25.25	224.41
1.50 m	7.50 m	181.77	196.41	26.26	269.63
1.50 m	7.50 m	193.85	254.92	27.27	317.36
1.50 m	3.75 m	142.88	0.86	23.05	111.19
1.50 m	3.75 m	155.53	45.00	24.07	149.73
1.50 m	3.75 m	168.43	93.90	25.11	191.63
1.50 m	3.75 m	181.34	146.70	26.15	236.13
1.50 m	3.75 m	194.25	203.39	27.19	283.22
1.50 m	3.75 m	207.16	263.98	28.24	332.92
1.50 m	2.50 m	152.06	0.89	23.84	117.86
1.50 m	2.50 m	165.52	46.55	24.89	157.97
1.50 m	2.50 m	179.25	97.13	25.97	201.57
1.50 m	2.50 m	192.99	151.74	27.05	247.85
1.50 m	2.50 m	206.73	210.37	28.13	296.82
1.50 m	2.50 m	220.46	273.04	29.21	348.48
1.50 m	1.88 m	161.24	0.92	24.63	124.52
1.50 m	1.88 m	175.51	48.09	25.72	166.22
1.50 m	1.88 m	190.08	100.35	26.83	211.51
1.50 m	1.88 m	204.64	156.77	27.95	259.57
1.50 m	1.88 m	219.21	217.36	29.06	310.42
1.50 m	1.88 m	233.77	282.11	30.18	364.04
1.50 m	1.50 m	170.41	0.95	25.42	131.19
1.50 m	1.50 m	185.50	49.64	26.55	174.46
1.50 m	1.50 m	200.90	103.57	27.70	221.44
1.50 m	1.50 m	216.29	161.81	28.85	271.30
1.50 m	1.50 m	231.69	224.34	30.00	324.01
1.50 m	1.50 m	247.08	291.17	31.14	379.60

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
2.00 m	10.00 m	133.64	0.83	29.67	109.43
2.00 m	10.00 m	142.52	42.99	30.65	144.11
2.00 m	10.00 m	151.57	88.80	31.66	181.36
2.00 m	10.00 m	160.63	137.43	32.67	220.49
2.00 m	10.00 m	169.69	188.89	33.67	261.50
2.00 m	10.00 m	178.75	243.16	34.68	304.39
2.00 m	5.00 m	142.81	0.86	30.72	116.27
2.00 m	5.00 m	152.30	44.52	31.74	152.37
2.00 m	5.00 m	161.98	91.96	32.79	191.15
2.00 m	5.00 m	171.66	142.32	33.83	231.87
2.00 m	5.00 m	181.34	195.60	34.87	274.54
2.00 m	5.00 m	191.02	251.81	35.91	319.16
2.00 m	3.33 m	151.99	0.89	31.78	123.10
2.00 m	3.33 m	162.08	46.04	32.83	160.64
2.00 m	3.33 m	172.39	95.11	33.91	200.94
2.00 m	3.33 m	182.69	147.20	34.99	243.25
2.00 m	3.33 m	192.99	202.31	36.07	287.58
2.00 m	3.33 m	203.29	260.45	37.15	333.93
2.00 m	2.50 m	161.16	0.92	32.83	129.94
2.00 m	2.50 m	171.87	47.57	33.92	168.91
2.00 m	2.50 m	182.79	98.27	35.04	210.73
2.00 m	2.50 m	193.72	152.09	36.15	254.64
2.00 m	2.50 m	204.64	209.03	37.26	300.62
2.00 m	2.50 m	215.57	269.09	38.38	348.69
2.00 m	2.00 m	170.34	0.95	33.89	136.78
2.00 m	2.00 m	181.65	49.10	35.01	177.18
2.00 m	2.00 m	193.20	101.42	36.16	220.52
2.00 m	2.00 m	204.75	156.97	37.31	266.02
2.00 m	2.00 m	216.29	215.74	38.46	313.66
2.00 m	2.00 m	227.84	277.74	39.61	363.46

DIMENSIONES		MEYERHOF			
B (m)	L(m)	q_c	q_q	q_y	q_u (kN/m^2)
0.50 m	2.50 m	134.18	0.83	7.43	94.97
0.50 m	2.50 m	169.69	47.22	8.42	150.22
0.50 m	2.50 m	205.93	105.73	9.42	214.05
0.50 m	2.50 m	242.16	175.53	10.43	285.41
0.50 m	2.50 m	278.39	256.62	11.44	364.30
0.50 m	2.50 m	314.63	348.99	12.44	450.71
0.50 m	1.25 m	143.39	0.86	7.70	101.30
0.50 m	1.25 m	181.34	48.90	8.72	159.31
0.50 m	1.25 m	220.06	109.49	9.76	226.21
0.50 m	1.25 m	258.79	181.77	10.80	300.90
0.50 m	1.25 m	297.51	265.74	11.84	383.39
0.50 m	1.25 m	336.23	361.40	12.89	473.67
0.50 m	0.83 m	152.61	0.89	7.96	107.64
0.50 m	0.83 m	192.99	50.58	9.02	168.39
0.50 m	0.83 m	234.20	113.25	10.09	238.36
0.50 m	0.83 m	275.41	188.01	11.17	316.39
0.50 m	0.83 m	316.62	274.86	12.25	402.49
0.50 m	0.83 m	357.83	373.80	13.33	496.64
0.50 m	0.63 m	161.82	0.92	8.22	113.98
0.50 m	0.63 m	204.64	52.26	9.32	177.48
0.50 m	0.63 m	248.34	117.01	10.43	250.52
0.50 m	0.63 m	292.04	194.25	11.54	331.88
0.50 m	0.63 m	335.73	283.98	12.66	421.58
0.50 m	0.63 m	379.43	386.21	13.77	519.61
0.50 m	0.50 m	171.03	0.95	8.49	120.31
0.50 m	0.50 m	216.29	53.94	9.62	186.56
0.50 m	0.50 m	262.48	120.76	10.76	262.67
0.50 m	0.50 m	308.66	200.49	11.91	347.38
0.50 m	0.50 m	354.85	293.10	13.06	440.68
0.50 m	0.50 m	401.03	398.61	14.21	542.57

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
1.00 m	5.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	5.00 m	1.06	1.08	0.92	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	2.50 m	1.12	1.16	0.84	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.67 m	1.18	1.23	0.76	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.25 m	1.24	1.31	0.68	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.00 m	1.00 m	1.30	1.39	0.60	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
1.50 m	7.50 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	7.50 m	1.06	1.08	0.92	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	3.75 m	1.12	1.16	0.84	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	2.50 m	1.18	1.23	0.76	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.88 m	1.24	1.31	0.68	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
1.50 m	1.50 m	1.30	1.39	0.60	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
2.00 m	10.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	10.00 m	1.06	1.08	0.92	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	5.00 m	1.12	1.16	0.84	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	3.33 m	1.18	1.23	0.76	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.50 m	1.24	1.31	0.68	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
2.00 m	2.00 m	1.30	1.39	0.60	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA			
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ	N_q
0.50 m	2.50 m	1.06	1.08	0.92	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	2.50 m	1.06	1.08	0.92	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	1.25 m	1.12	1.16	0.84	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.83 m	1.18	1.23	0.76	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.63 m	1.24	1.31	0.68	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89
0.50 m	0.50 m	1.30	1.39	0.60	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.89

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	12.52	1.81	134.53	0.85	13.66	99.37
1.00 m	5.00 m	12.52	1.81	160.80	49.00	13.66	148.98
1.00 m	5.00 m	12.52	1.81	187.60	111.06	13.66	208.21
1.00 m	5.00 m	12.52	1.81	186.67	165.92	13.66	244.17
1.00 m	5.00 m	12.52	1.81	193.34	227.71	13.66	289.81
1.00 m	5.00 m	12.52	1.81	197.80	290.07	13.66	334.35
1.00 m	2.50 m	12.52	1.81	144.27	0.90	12.48	105.10
1.00 m	2.50 m	12.52	1.81	172.44	51.75	12.48	157.78
1.00 m	2.50 m	12.52	1.81	201.18	117.28	12.48	220.62
1.00 m	2.50 m	12.52	1.81	200.19	175.20	12.48	258.58
1.00 m	2.50 m	12.52	1.81	207.34	240.46	12.48	306.85
1.00 m	2.50 m	12.52	1.81	212.12	306.31	12.48	353.93
1.00 m	1.67 m	12.52	1.81	154.02	0.95	11.29	110.83
1.00 m	1.67 m	12.52	1.81	184.08	54.49	11.29	166.57
1.00 m	1.67 m	12.52	1.81	214.76	123.49	11.29	233.03
1.00 m	1.67 m	12.52	1.81	213.71	184.49	11.29	272.99
1.00 m	1.67 m	12.52	1.81	221.34	253.21	11.29	323.89
1.00 m	1.67 m	12.52	1.81	226.44	322.54	11.29	373.52
1.00 m	1.25 m	12.52	1.81	163.76	1.00	10.10	116.57
1.00 m	1.25 m	12.52	1.81	195.73	57.23	10.10	175.37
1.00 m	1.25 m	12.52	1.81	228.35	129.71	10.10	245.44
1.00 m	1.25 m	12.52	1.81	227.23	193.78	10.10	287.40
1.00 m	1.25 m	12.52	1.81	235.34	265.96	10.10	340.93
1.00 m	1.25 m	12.52	1.81	240.76	338.78	10.10	393.10
1.00 m	1.00 m	12.52	1.81	173.50	1.04	8.91	122.30
1.00 m	1.00 m	12.52	1.81	207.37	59.98	8.91	184.17
1.00 m	1.00 m	12.52	1.81	241.93	135.93	8.91	257.85
1.00 m	1.00 m	12.52	1.81	240.74	203.07	8.91	301.81
1.00 m	1.00 m	12.52	1.81	249.34	278.70	8.91	357.97
1.00 m	1.00 m	12.52	1.81	255.08	355.02	8.91	412.68

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	12.52	1.81	134.35	0.85	20.50	103.80
1.50 m	7.50 m	12.52	1.81	151.86	46.83	20.50	146.13
1.50 m	7.50 m	12.52	1.81	169.73	102.36	20.50	195.06
1.50 m	7.50 m	12.52	1.81	187.60	166.59	20.50	249.79
1.50 m	7.50 m	12.52	1.81	183.70	218.32	20.50	281.68
1.50 m	7.50 m	12.52	1.81	189.22	279.63	20.50	326.24
1.50 m	3.75 m	12.52	1.81	144.08	0.90	18.71	109.13
1.50 m	3.75 m	12.52	1.81	162.86	49.45	18.71	154.02
1.50 m	3.75 m	12.52	1.81	182.02	108.09	18.71	205.88
1.50 m	3.75 m	12.52	1.81	201.18	175.92	18.71	263.87
1.50 m	3.75 m	12.52	1.81	197.00	230.55	18.71	297.51
1.50 m	3.75 m	12.52	1.81	202.93	295.29	18.71	344.62
1.50 m	2.50 m	12.52	1.81	153.81	0.95	16.93	114.46
1.50 m	2.50 m	12.52	1.81	173.86	52.07	16.93	161.91
1.50 m	2.50 m	12.52	1.81	194.31	113.82	16.93	216.71
1.50 m	2.50 m	12.52	1.81	214.76	185.24	16.93	277.96
1.50 m	2.50 m	12.52	1.81	210.30	242.77	16.93	313.33
1.50 m	2.50 m	12.52	1.81	216.63	310.94	16.93	363.00
1.50 m	1.88 m	12.52	1.81	163.54	0.99	15.15	119.79
1.50 m	1.88 m	12.52	1.81	184.85	54.69	15.15	169.80
1.50 m	1.88 m	12.52	1.81	206.60	119.55	15.15	227.53
1.50 m	1.88 m	12.52	1.81	228.35	194.57	15.15	292.04
1.50 m	1.88 m	12.52	1.81	223.60	254.99	15.15	329.16
1.50 m	1.88 m	12.52	1.81	230.33	326.59	15.15	381.38
1.50 m	1.50 m	12.52	1.81	173.27	1.04	13.37	125.12
1.50 m	1.50 m	12.52	1.81	195.85	57.31	13.37	177.69
1.50 m	1.50 m	12.52	1.81	218.89	125.28	13.37	238.36
1.50 m	1.50 m	12.52	1.81	241.93	203.89	13.37	306.13
1.50 m	1.50 m	12.52	1.81	236.91	267.21	13.37	344.99
1.50 m	1.50 m	12.52	1.81	244.03	342.25	13.37	399.76

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	12.52	1.81	134.27	0.85	27.33	108.30
2.00 m	10.00 m	12.52	1.81	147.40	45.74	27.33	146.98
2.00 m	10.00 m	12.52	1.81	160.80	98.01	27.33	190.75
2.00 m	10.00 m	12.52	1.81	174.20	156.80	27.33	238.88
2.00 m	10.00 m	12.52	1.81	187.60	222.12	27.33	291.36
2.00 m	10.00 m	12.52	1.81	182.03	270.87	27.33	320.15
2.00 m	5.00 m	12.52	1.81	143.99	0.90	24.95	113.22
2.00 m	5.00 m	12.52	1.81	158.07	48.30	24.95	154.21
2.00 m	5.00 m	12.52	1.81	172.44	103.49	24.95	200.59
2.00 m	5.00 m	12.52	1.81	186.81	165.58	24.95	251.56
2.00 m	5.00 m	12.52	1.81	201.18	234.55	24.95	307.12
2.00 m	5.00 m	12.52	1.81	195.21	286.03	24.95	337.46
2.00 m	3.33 m	12.52	1.81	153.71	0.95	22.58	118.15
2.00 m	3.33 m	12.52	1.81	168.74	50.86	22.58	161.45
2.00 m	3.33 m	12.52	1.81	184.08	108.98	22.58	210.43
2.00 m	3.33 m	12.52	1.81	199.42	174.36	22.58	264.24
2.00 m	3.33 m	12.52	1.81	214.76	246.99	22.58	322.88
2.00 m	3.33 m	12.52	1.81	208.39	301.19	22.58	354.77
2.00 m	2.50 m	12.52	1.81	163.43	0.99	20.20	123.08
2.00 m	2.50 m	12.52	1.81	179.42	53.42	20.20	168.69
2.00 m	2.50 m	12.52	1.81	195.73	114.47	20.20	220.26
2.00 m	2.50 m	12.52	1.81	212.04	183.13	20.20	276.91
2.00 m	2.50 m	12.52	1.81	228.35	259.42	20.20	338.65
2.00 m	2.50 m	12.52	1.81	221.57	316.35	20.20	372.08
2.00 m	2.00 m	12.52	1.81	173.15	1.04	17.82	128.01
2.00 m	2.00 m	12.52	1.81	190.09	55.98	17.82	175.93
2.00 m	2.00 m	12.52	1.81	207.37	119.95	17.82	230.10
2.00 m	2.00 m	12.52	1.81	224.65	191.91	17.82	289.59
2.00 m	2.00 m	12.52	1.81	241.93	271.86	17.82	354.41
2.00 m	2.00 m	12.52	1.81	234.75	331.52	17.82	389.39

DIMENSIONES		HANSEN					
B (m)	L(m)	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	12.52	1.81	135.07	0.85	6.83	95.17
0.50 m	2.50 m	12.52	1.81	187.60	55.53	6.83	166.64
0.50 m	2.50 m	12.52	1.81	193.34	113.86	6.83	209.35
0.50 m	2.50 m	12.52	1.81	200.95	176.34	6.83	256.08
0.50 m	2.50 m	12.52	1.81	205.06	239.13	6.83	300.68
0.50 m	2.50 m	12.52	1.81	207.61	302.02	6.83	344.31
0.50 m	1.25 m	12.52	1.81	144.85	0.90	6.24	101.33
0.50 m	1.25 m	12.52	1.81	201.18	58.64	6.24	177.37
0.50 m	1.25 m	12.52	1.81	207.34	120.23	6.24	222.54
0.50 m	1.25 m	12.52	1.81	215.50	186.21	6.24	271.96
0.50 m	1.25 m	12.52	1.81	219.91	252.52	6.24	319.11
0.50 m	1.25 m	12.52	1.81	222.64	318.93	6.24	365.21
0.50 m	0.83 m	12.52	1.81	154.63	0.95	5.64	107.48
0.50 m	0.83 m	12.52	1.81	214.76	61.75	5.64	188.10
0.50 m	0.83 m	12.52	1.81	221.34	126.60	5.64	235.72
0.50 m	0.83 m	12.52	1.81	230.05	196.09	5.64	287.85
0.50 m	0.83 m	12.52	1.81	234.76	265.90	5.64	337.54
0.50 m	0.83 m	12.52	1.81	237.68	335.83	5.64	386.10
0.50 m	0.63 m	12.52	1.81	164.41	1.00	5.05	113.64
0.50 m	0.63 m	12.52	1.81	228.35	64.86	5.05	198.84
0.50 m	0.63 m	12.52	1.81	235.34	132.98	5.05	248.91
0.50 m	0.63 m	12.52	1.81	244.60	205.96	5.05	303.73
0.50 m	0.63 m	12.52	1.81	249.60	279.29	5.05	355.96
0.50 m	0.63 m	12.52	1.81	252.71	352.74	5.05	407.00
0.50 m	0.50 m	12.52	1.81	174.19	1.05	4.46	119.79
0.50 m	0.50 m	12.52	1.81	241.93	67.96	4.46	209.57
0.50 m	0.50 m	12.52	1.81	249.34	139.35	4.46	262.10
0.50 m	0.50 m	12.52	1.81	259.15	215.83	4.46	319.62
0.50 m	0.50 m	12.52	1.81	264.45	292.68	4.46	374.39
0.50 m	0.50 m	12.52	1.81	267.74	369.65	4.46	427.90

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
1.00 m	5.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	5.00 m	1.06	1.08	0.92	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	2.50 m	1.12	1.16	0.84	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.67 m	1.19	1.23	0.76	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.25 m	1.25	1.31	0.68	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.30	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00 m	1.00 m	1.31	1.39	0.60	1.37	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
1.50 m	7.50 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	7.50 m	1.06	1.08	0.92	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	3.75 m	1.12	1.16	0.84	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	2.50 m	1.19	1.23	0.76	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.88 m	1.25	1.31	0.68	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.10	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.20	1.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.28	1.37	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.50 m	1.50 m	1.31	1.39	0.60	1.32	1.41	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
2.00 m	10.00 m	1.06	1.08	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	10.00 m	1.06	1.08	0.92	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	5.00 m	1.12	1.16	0.84	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	3.33 m	1.19	1.23	0.76	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.50 m	1.25	1.31	0.68	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.08	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.15	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.23	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00 m	2.00 m	1.31	1.39	0.60	1.28	1.36	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		FORMA			PROFUNDIDAD			CARGA INCLINADA			BASE INCLINADA		
B (m)	L(m)	S_q	S_c	S_γ	d_q	d_c	d_γ	i_q	i_c	i_γ	b_q	b_c	b_γ
0.50 m	2.50 m	1.06	1.08	0.92	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	2.50 m	1.06	1.08	0.92	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	1.25 m	1.12	1.16	0.84	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.83 m	1.19	1.23	0.76	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.63 m	1.25	1.31	0.68	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.31	1.40	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.34	1.44	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.38	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.41	1.53	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50 m	0.50 m	1.31	1.39	0.60	1.42	1.55	1.00	1.00	1.00	1.00	1.00	1.00	1.00

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	4.89	12.52	3.66	134.53	0.85	27.59	108.65
1.00 m	5.00 m	4.89	12.52	3.66	160.80	49.13	27.59	158.35
1.00 m	5.00 m	4.89	12.52	3.66	187.60	111.35	27.59	217.69
1.00 m	5.00 m	4.89	12.52	3.66	186.67	166.35	27.59	253.75
1.00 m	5.00 m	4.89	12.52	3.66	193.34	228.31	27.59	299.50
1.00 m	5.00 m	4.89	12.52	3.66	197.80	290.83	27.59	344.15
1.00 m	2.50 m	4.89	12.52	3.66	144.27	0.90	25.19	113.58
1.00 m	2.50 m	4.89	12.52	3.66	172.44	52.00	25.19	166.43
1.00 m	2.50 m	4.89	12.52	3.66	201.18	117.86	25.19	229.49
1.00 m	2.50 m	4.89	12.52	3.66	200.19	176.08	25.19	267.64
1.00 m	2.50 m	4.89	12.52	3.66	207.34	241.66	25.19	316.13
1.00 m	2.50 m	4.89	12.52	3.66	212.12	307.84	25.19	363.43
1.00 m	1.67 m	4.89	12.52	3.66	154.02	0.95	22.79	118.51
1.00 m	1.67 m	4.89	12.52	3.66	184.08	54.88	22.79	174.50
1.00 m	1.67 m	4.89	12.52	3.66	214.76	124.37	22.79	241.29
1.00 m	1.67 m	4.89	12.52	3.66	213.71	185.80	22.79	281.54
1.00 m	1.67 m	4.89	12.52	3.66	221.34	255.01	22.79	332.76
1.00 m	1.67 m	4.89	12.52	3.66	226.44	324.84	22.79	382.71
1.00 m	1.25 m	4.89	12.52	3.66	163.76	1.00	20.39	123.44
1.00 m	1.25 m	4.89	12.52	3.66	195.73	57.75	20.39	182.58
1.00 m	1.25 m	4.89	12.52	3.66	228.35	130.88	20.39	253.08
1.00 m	1.25 m	4.89	12.52	3.66	227.23	195.53	20.39	295.43
1.00 m	1.25 m	4.89	12.52	3.66	235.34	268.36	20.39	349.39
1.00 m	1.25 m	4.89	12.52	3.66	240.76	341.84	20.39	402.00
1.00 m	1.00 m	4.89	12.52	3.66	173.50	1.05	17.99	128.37
1.00 m	1.00 m	4.89	12.52	3.66	207.37	60.62	17.99	190.66
1.00 m	1.00 m	4.89	12.52	3.66	241.93	137.39	17.99	264.88
1.00 m	1.00 m	4.89	12.52	3.66	240.74	205.25	17.99	309.33
1.00 m	1.00 m	4.89	12.52	3.66	249.34	281.70	17.99	366.02
1.00 m	1.00 m	4.89	12.52	3.66	255.08	358.84	17.99	421.28

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	4.89	12.52	3.66	134.35	0.85	41.39	117.73
1.50 m	7.50 m	4.89	12.52	3.66	151.86	46.95	41.39	160.14
1.50 m	7.50 m	4.89	12.52	3.66	169.73	102.63	41.39	209.16
1.50 m	7.50 m	4.89	12.52	3.66	187.60	167.03	41.39	264.01
1.50 m	7.50 m	4.89	12.52	3.66	183.70	218.90	41.39	295.99
1.50 m	7.50 m	4.89	12.52	3.66	189.22	280.37	41.39	340.66
1.50 m	3.75 m	4.89	12.52	3.66	144.08	0.90	37.79	121.85
1.50 m	3.75 m	4.89	12.52	3.66	162.86	49.70	37.79	166.90
1.50 m	3.75 m	4.89	12.52	3.66	182.02	108.63	37.79	218.96
1.50 m	3.75 m	4.89	12.52	3.66	201.18	176.79	37.79	277.18
1.50 m	3.75 m	4.89	12.52	3.66	197.00	231.70	37.79	310.99
1.50 m	3.75 m	4.89	12.52	3.66	202.93	296.76	37.79	358.32
1.50 m	2.50 m	4.89	12.52	3.66	153.81	0.95	34.19	125.97
1.50 m	2.50 m	4.89	12.52	3.66	173.86	52.44	34.19	173.66
1.50 m	2.50 m	4.89	12.52	3.66	194.31	114.63	34.19	228.75
1.50 m	2.50 m	4.89	12.52	3.66	214.76	186.56	34.19	290.34
1.50 m	2.50 m	4.89	12.52	3.66	210.30	244.49	34.19	325.99
1.50 m	2.50 m	4.89	12.52	3.66	216.63	313.15	34.19	375.98
1.50 m	1.88 m	4.89	12.52	3.66	163.54	1.00	30.59	130.09
1.50 m	1.88 m	4.89	12.52	3.66	184.85	55.19	30.59	180.42
1.50 m	1.88 m	4.89	12.52	3.66	206.60	120.63	30.59	238.55
1.50 m	1.88 m	4.89	12.52	3.66	228.35	196.32	30.59	303.51
1.50 m	1.88 m	4.89	12.52	3.66	223.60	257.29	30.59	340.99
1.50 m	1.88 m	4.89	12.52	3.66	230.33	329.54	30.59	393.64
1.50 m	1.50 m	4.89	12.52	3.66	173.27	1.05	26.99	134.21
1.50 m	1.50 m	4.89	12.52	3.66	195.85	57.93	26.99	187.18
1.50 m	1.50 m	4.89	12.52	3.66	218.89	126.63	26.99	248.34
1.50 m	1.50 m	4.89	12.52	3.66	241.93	206.09	26.99	316.67
1.50 m	1.50 m	4.89	12.52	3.66	236.91	270.09	26.99	355.99
1.50 m	1.50 m	4.89	12.52	3.66	244.03	345.93	26.99	411.30

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	4.89	12.52	3.66	134.27	0.85	55.18	126.87
2.00 m	10.00 m	4.89	12.52	3.66	147.40	45.86	55.18	165.63
2.00 m	10.00 m	4.89	12.52	3.66	160.80	98.27	55.18	209.50
2.00 m	10.00 m	4.89	12.52	3.66	174.20	157.21	55.18	257.73
2.00 m	10.00 m	4.89	12.52	3.66	187.60	222.71	55.18	310.32
2.00 m	10.00 m	4.89	12.52	3.66	182.03	271.58	55.18	339.19
2.00 m	5.00 m	4.89	12.52	3.66	143.99	0.90	50.39	130.18
2.00 m	5.00 m	4.89	12.52	3.66	158.07	48.54	50.39	171.33
2.00 m	5.00 m	4.89	12.52	3.66	172.44	104.01	50.39	217.89
2.00 m	5.00 m	4.89	12.52	3.66	186.81	166.40	50.39	269.07
2.00 m	5.00 m	4.89	12.52	3.66	201.18	235.72	50.39	324.86
2.00 m	5.00 m	4.89	12.52	3.66	195.21	287.46	50.39	355.37
2.00 m	3.33 m	4.89	12.52	3.66	153.71	0.95	45.59	133.50
2.00 m	3.33 m	4.89	12.52	3.66	168.74	51.22	45.59	177.04
2.00 m	3.33 m	4.89	12.52	3.66	184.08	109.75	45.59	226.28
2.00 m	3.33 m	4.89	12.52	3.66	199.42	175.59	45.59	280.40
2.00 m	3.33 m	4.89	12.52	3.66	214.76	248.74	45.59	339.40
2.00 m	3.33 m	4.89	12.52	3.66	208.39	303.33	45.59	371.54
2.00 m	2.50 m	4.89	12.52	3.66	163.43	1.00	40.79	136.82
2.00 m	2.50 m	4.89	12.52	3.66	179.42	53.90	40.79	182.74
2.00 m	2.50 m	4.89	12.52	3.66	195.73	115.50	40.79	234.68
2.00 m	2.50 m	4.89	12.52	3.66	212.04	184.79	40.79	291.74
2.00 m	2.50 m	4.89	12.52	3.66	228.35	261.76	40.79	353.93
2.00 m	2.50 m	4.89	12.52	3.66	221.57	319.21	40.79	387.71
2.00 m	2.00 m	4.89	12.52	3.66	173.15	1.05	35.99	140.13
2.00 m	2.00 m	4.89	12.52	3.66	190.09	56.58	35.99	188.44
2.00 m	2.00 m	4.89	12.52	3.66	207.37	121.24	35.99	243.07
2.00 m	2.00 m	4.89	12.52	3.66	224.65	193.98	35.99	303.08
2.00 m	2.00 m	4.89	12.52	3.66	241.93	274.78	35.99	368.47
2.00 m	2.00 m	4.89	12.52	3.66	234.75	335.09	35.99	403.88

DIMENSIONES		VESIC						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	4.89	12.52	3.66	135.07	0.86	13.80	99.82
0.50 m	2.50 m	4.89	12.52	3.66	187.60	55.68	13.80	171.38
0.50 m	2.50 m	4.89	12.52	3.66	193.34	114.16	13.80	214.20
0.50 m	2.50 m	4.89	12.52	3.66	200.95	176.81	13.80	261.03
0.50 m	2.50 m	4.89	12.52	3.66	205.06	239.76	13.80	305.75
0.50 m	2.50 m	4.89	12.52	3.66	207.61	302.82	13.80	349.48
0.50 m	1.25 m	4.89	12.52	3.66	144.85	0.91	12.60	105.57
0.50 m	1.25 m	4.89	12.52	3.66	201.18	58.93	12.60	181.81
0.50 m	1.25 m	4.89	12.52	3.66	207.34	120.83	12.60	227.18
0.50 m	1.25 m	4.89	12.52	3.66	215.50	187.14	12.60	276.82
0.50 m	1.25 m	4.89	12.52	3.66	219.91	253.78	12.60	324.19
0.50 m	1.25 m	4.89	12.52	3.66	222.64	320.52	12.60	370.51
0.50 m	0.83 m	4.89	12.52	3.66	154.63	0.96	11.40	111.32
0.50 m	0.83 m	4.89	12.52	3.66	214.76	62.19	11.40	192.23
0.50 m	0.83 m	4.89	12.52	3.66	221.34	127.50	11.40	240.16
0.50 m	0.83 m	4.89	12.52	3.66	230.05	197.48	11.40	292.61
0.50 m	0.83 m	4.89	12.52	3.66	234.76	267.79	11.40	342.63
0.50 m	0.83 m	4.89	12.52	3.66	237.68	338.22	11.40	391.53
0.50 m	0.63 m	4.89	12.52	3.66	164.41	1.01	10.20	117.08
0.50 m	0.63 m	4.89	12.52	3.66	228.35	65.44	10.20	202.66
0.50 m	0.63 m	4.89	12.52	3.66	235.34	134.18	10.20	253.14
0.50 m	0.63 m	4.89	12.52	3.66	244.60	207.82	10.20	308.41
0.50 m	0.63 m	4.89	12.52	3.66	249.60	281.81	10.20	361.08
0.50 m	0.63 m	4.89	12.52	3.66	252.71	355.92	10.20	412.55
0.50 m	0.50 m	4.89	12.52	3.66	174.19	1.06	9.00	122.83
0.50 m	0.50 m	4.89	12.52	3.66	241.93	68.70	9.00	213.08
0.50 m	0.50 m	4.89	12.52	3.66	249.34	140.85	9.00	266.12
0.50 m	0.50 m	4.89	12.52	3.66	259.15	218.15	9.00	324.20
0.50 m	0.50 m	4.89	12.52	3.66	264.45	295.83	9.00	379.52
0.50 m	0.50 m	4.89	12.52	3.66	267.74	373.63	9.00	433.58

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.00 m	5.00 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	5.00 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	5.00 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	5.00 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	5.00 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	5.00 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	2.50 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	2.50 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	2.50 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	2.50 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	2.50 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	2.50 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.67 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	1.67 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	1.67 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	1.67 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	1.67 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	1.67 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.25 m	5.59	14.79	2.98	146.80	0.75	24.45	114.67
1.00 m	1.25 m	5.59	14.79	2.98	146.80	37.67	24.45	139.28
1.00 m	1.25 m	5.59	14.79	2.98	146.80	75.34	24.45	164.39
1.00 m	1.25 m	5.59	14.79	2.98	146.80	113.01	24.45	189.50
1.00 m	1.25 m	5.59	14.79	2.98	146.80	150.68	24.45	214.62
1.00 m	1.25 m	5.59	14.79	2.98	146.80	188.34	24.45	239.73
1.00 m	1.00 m	5.59	14.79	2.98	190.84	0.75	19.56	140.77
1.00 m	1.00 m	5.59	14.79	2.98	190.84	37.67	19.56	165.38
1.00 m	1.00 m	5.59	14.79	2.98	190.84	75.34	19.56	190.49
1.00 m	1.00 m	5.59	14.79	2.98	190.84	113.01	19.56	215.60
1.00 m	1.00 m	5.59	14.79	2.98	190.84	150.68	19.56	240.72
1.00 m	1.00 m	5.59	14.79	2.98	190.84	188.34	19.56	265.83

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
1.50 m	7.50 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	7.50 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	7.50 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	7.50 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	7.50 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	7.50 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	3.75 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	3.75 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	3.75 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	3.75 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	3.75 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	3.75 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	2.50 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	2.50 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	2.50 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	2.50 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	2.50 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	2.50 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	1.88 m	5.59	14.79	2.98	146.80	0.75	36.67	122.82
1.50 m	1.88 m	5.59	14.79	2.98	146.80	37.67	36.67	147.43
1.50 m	1.88 m	5.59	14.79	2.98	146.80	75.34	36.67	172.54
1.50 m	1.88 m	5.59	14.79	2.98	146.80	113.01	36.67	197.65
1.50 m	1.88 m	5.59	14.79	2.98	146.80	150.68	36.67	222.76
1.50 m	1.88 m	5.59	14.79	2.98	146.80	188.34	36.67	247.88
1.50 m	1.50 m	5.59	14.79	2.98	190.84	0.75	29.34	147.29
1.50 m	1.50 m	5.59	14.79	2.98	190.84	37.67	29.34	171.90
1.50 m	1.50 m	5.59	14.79	2.98	190.84	75.34	29.34	197.01
1.50 m	1.50 m	5.59	14.79	2.98	190.84	113.01	29.34	222.12
1.50 m	1.50 m	5.59	14.79	2.98	190.84	150.68	29.34	247.24
1.50 m	1.50 m	5.59	14.79	2.98	190.84	188.34	29.34	272.35

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
2.00 m	10.00 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	10.00 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	10.00 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	10.00 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	10.00 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	10.00 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	5.00 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	5.00 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	5.00 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	5.00 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	5.00 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	5.00 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	3.33 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	3.33 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	3.33 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	3.33 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	3.33 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	3.33 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	2.50 m	5.59	14.79	2.98	146.80	0.75	48.90	130.97
2.00 m	2.50 m	5.59	14.79	2.98	146.80	37.67	48.90	155.58
2.00 m	2.50 m	5.59	14.79	2.98	146.80	75.34	48.90	180.69
2.00 m	2.50 m	5.59	14.79	2.98	146.80	113.01	48.90	205.80
2.00 m	2.50 m	5.59	14.79	2.98	146.80	150.68	48.90	230.91
2.00 m	2.50 m	5.59	14.79	2.98	146.80	188.34	48.90	256.03
2.00 m	2.00 m	5.59	14.79	2.98	190.84	0.75	39.12	153.81
2.00 m	2.00 m	5.59	14.79	2.98	190.84	37.67	39.12	178.42
2.00 m	2.00 m	5.59	14.79	2.98	190.84	75.34	39.12	203.53
2.00 m	2.00 m	5.59	14.79	2.98	190.84	113.01	39.12	228.64
2.00 m	2.00 m	5.59	14.79	2.98	190.84	150.68	39.12	253.75
2.00 m	2.00 m	5.59	14.79	2.98	190.84	188.34	39.12	278.87

DIMENSIONES		TERZAGUI						
B (m)	L(m)	N_q	N_c	N_γ	q_c	q_q	q_γ	q_u (kN/m^2)
0.50 m	2.50 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	2.50 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	2.50 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	2.50 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	2.50 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	2.50 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	1.25 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	1.25 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	1.25 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	1.25 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	1.25 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	1.25 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.83 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	0.83 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	0.83 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	0.83 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	0.83 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	0.83 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.63 m	5.59	14.79	2.98	146.80	0.75	12.22	106.52
0.50 m	0.63 m	5.59	14.79	2.98	146.80	37.67	12.22	131.13
0.50 m	0.63 m	5.59	14.79	2.98	146.80	75.34	12.22	156.24
0.50 m	0.63 m	5.59	14.79	2.98	146.80	113.01	12.22	181.35
0.50 m	0.63 m	5.59	14.79	2.98	146.80	150.68	12.22	206.47
0.50 m	0.63 m	5.59	14.79	2.98	146.80	188.34	12.22	231.58
0.50 m	0.50 m	5.59	14.79	2.98	190.84	0.75	9.78	134.25
0.50 m	0.50 m	5.59	14.79	2.98	190.84	37.67	9.78	158.86
0.50 m	0.50 m	5.59	14.79	2.98	190.84	75.34	9.78	183.97
0.50 m	0.50 m	5.59	14.79	2.98	190.84	113.01	9.78	209.08
0.50 m	0.50 m	5.59	14.79	2.98	190.84	150.68	9.78	234.20
0.50 m	0.50 m	5.59	14.79	2.98	190.84	188.34	9.78	259.31

DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
1.00 m	5.00 m	**49.83**	**49.68**	**54.33**	**57.33**	**52.79**
1.00 m	5.00 m	**70.60**	**74.49**	**79.17**	**69.64**	**73.48**
1.00 m	5.00 m	**93.66**	**104.11**	**108.85**	**82.20**	**97.20**
1.00 m	5.00 m	**118.59**	**122.08**	**126.87**	**94.75**	**115.58**
1.00 m	5.00 m	**145.41**	**144.91**	**149.75**	**107.31**	**136.84**
1.00 m	5.00 m	**174.11**	**167.18**	**172.07**	**119.86**	**158.31**
1.00 m	2.50 m	**53.08**	**52.55**	**56.79**	**57.33**	**54.94**
1.00 m	2.50 m	**74.78**	**78.89**	**83.21**	**69.64**	**76.63**
1.00 m	2.50 m	**98.86**	**110.31**	**114.75**	**82.20**	**101.53**
1.00 m	2.50 m	**124.88**	**129.29**	**133.82**	**94.75**	**120.69**
1.00 m	2.50 m	**152.85**	**153.43**	**158.06**	**107.31**	**142.91**
1.00 m	2.50 m	**182.77**	**176.97**	**181.72**	**119.86**	**165.33**
1.00 m	1.67 m	**56.33**	**55.42**	**59.25**	**57.33**	**57.08**
1.00 m	1.67 m	**78.97**	**83.29**	**87.25**	**69.64**	**79.79**
1.00 m	1.67 m	**104.06**	**116.52**	**120.64**	**82.20**	**105.85**
1.00 m	1.67 m	**131.17**	**136.50**	**140.77**	**94.75**	**125.80**
1.00 m	1.67 m	**160.30**	**161.95**	**166.38**	**107.31**	**148.98**
1.00 m	1.67 m	**191.44**	**186.76**	**191.36**	**119.86**	**172.35**
1.00 m	1.25 m	**59.58**	**58.28**	**61.72**	**57.33**	**59.23**
1.00 m	1.25 m	**83.15**	**87.69**	**91.29**	**69.64**	**82.94**
1.00 m	1.25 m	**109.26**	**122.72**	**126.54**	**82.20**	**110.18**
1.00 m	1.25 m	**137.46**	**143.70**	**147.72**	**94.75**	**130.91**
1.00 m	1.25 m	**167.74**	**170.46**	**174.70**	**107.31**	**155.05**
1.00 m	1.25 m	**200.10**	**196.55**	**201.00**	**119.86**	**179.38**
1.00 m	1.00 m	**62.82**	**61.15**	**64.18**	**70.38**	**64.64**
1.00 m	1.00 m	**87.33**	**92.09**	**95.33**	**82.69**	**89.36**
1.00 m	1.00 m	**114.46**	**128.92**	**132.44**	**95.25**	**117.77**
1.00 m	1.00 m	**143.75**	**150.91**	**154.66**	**107.80**	**139.28**
1.00 m	1.00 m	**175.18**	**178.98**	**183.01**	**120.36**	**164.38**
1.00 m	1.00 m	**208.76**	**206.34**	**210.64**	**132.91**	**189.66**

DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
1.50 m	7.50 m	**52.26**	**51.90**	**58.87**	**61.41**	**56.11**
1.50 m	7.50 m	**70.75**	**73.06**	**80.07**	**73.71**	**74.40**
1.50 m	7.50 m	**90.85**	**97.53**	**104.58**	**86.27**	**94.81**
1.50 m	7.50 m	**112.20**	**124.89**	**132.00**	**98.83**	**116.98**
1.50 m	7.50 m	**134.81**	**140.84**	**148.00**	**111.38**	**133.76**
1.50 m	7.50 m	**158.68**	**163.12**	**170.33**	**123.94**	**154.02**
1.50 m	3.75 m	**55.60**	**54.57**	**60.93**	**61.41**	**58.12**
1.50 m	3.75 m	**74.87**	**77.01**	**83.45**	**73.71**	**77.26**
1.50 m	3.75 m	**95.82**	**102.94**	**109.48**	**86.27**	**98.63**
1.50 m	3.75 m	**118.06**	**131.94**	**138.59**	**98.83**	**121.85**
1.50 m	3.75 m	**141.61**	**148.75**	**155.50**	**111.38**	**139.31**
1.50 m	3.75 m	**166.46**	**172.31**	**179.16**	**123.94**	**160.47**
1.50 m	2.50 m	**58.93**	**57.23**	**62.99**	**61.41**	**60.14**
1.50 m	2.50 m	**78.99**	**80.95**	**86.83**	**73.71**	**80.12**
1.50 m	2.50 m	**100.78**	**108.35**	**114.38**	**86.27**	**102.45**
1.50 m	2.50 m	**123.93**	**138.98**	**145.17**	**98.83**	**126.73**
1.50 m	2.50 m	**148.41**	**156.67**	**163.00**	**111.38**	**144.86**
1.50 m	2.50 m	**174.24**	**181.50**	**187.99**	**123.94**	**166.92**
1.50 m	1.88 m	**62.26**	**59.89**	**65.04**	**61.41**	**62.15**
1.50 m	1.88 m	**83.11**	**84.90**	**90.21**	**73.71**	**82.98**
1.50 m	1.88 m	**105.75**	**113.77**	**119.27**	**86.27**	**106.27**
1.50 m	1.88 m	**129.79**	**146.02**	**151.75**	**98.83**	**131.60**
1.50 m	1.88 m	**155.21**	**164.58**	**170.50**	**111.38**	**150.42**
1.50 m	1.88 m	**182.02**	**190.69**	**196.82**	**123.94**	**173.37**
1.50 m	1.50 m	**65.60**	**62.56**	**67.10**	**73.64**	**67.23**
1.50 m	1.50 m	**87.23**	**88.84**	**93.59**	**85.95**	**88.90**
1.50 m	1.50 m	**110.72**	**119.18**	**124.17**	**98.50**	**113.14**
1.50 m	1.50 m	**135.65**	**153.06**	**158.34**	**111.06**	**139.53**
1.50 m	1.50 m	**162.01**	**172.49**	**177.99**	**123.62**	**159.03**
1.50 m	1.50 m	**189.80**	**199.88**	**205.65**	**136.17**	**182.88**

DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
2.00 m	10.00 m	**54.71**	**54.15**	**63.43**	**65.48**	**59.44**
2.00 m	10.00 m	**72.05**	**73.49**	**82.81**	**77.79**	**76.54**
2.00 m	10.00 m	**90.68**	**95.38**	**104.75**	**90.34**	**95.29**
2.00 m	10.00 m	**110.24**	**119.44**	**128.86**	**102.90**	**115.36**
2.00 m	10.00 m	**130.75**	**145.68**	**155.16**	**115.46**	**136.76**
2.00 m	10.00 m	**152.20**	**160.07**	**169.60**	**128.01**	**152.47**
2.00 m	5.00 m	**58.13**	**56.61**	**65.09**	**65.48**	**61.33**
2.00 m	5.00 m	**76.19**	**77.11**	**85.67**	**77.79**	**79.19**
2.00 m	5.00 m	**95.57**	**100.29**	**108.95**	**90.34**	**98.79**
2.00 m	5.00 m	**115.94**	**125.78**	**134.53**	**102.90**	**119.79**
2.00 m	5.00 m	**137.27**	**153.56**	**162.43**	**115.46**	**142.18**
2.00 m	5.00 m	**159.58**	**168.73**	**177.68**	**128.01**	**158.50**
2.00 m	3.33 m	**61.55**	**59.08**	**66.75**	**65.48**	**63.22**
2.00 m	3.33 m	**80.32**	**80.73**	**88.52**	**77.79**	**81.84**
2.00 m	3.33 m	**100.47**	**105.21**	**113.14**	**90.34**	**102.29**
2.00 m	3.33 m	**121.63**	**132.12**	**140.20**	**102.90**	**124.21**
2.00 m	3.33 m	**143.79**	**161.44**	**169.70**	**115.46**	**147.60**
2.00 m	3.33 m	**166.96**	**177.38**	**185.77**	**128.01**	**164.53**
2.00 m	2.50 m	**64.97**	**61.54**	**68.41**	**65.48**	**65.10**
2.00 m	2.50 m	**84.45**	**84.35**	**91.37**	**77.79**	**84.49**
2.00 m	2.50 m	**105.37**	**110.13**	**117.34**	**90.34**	**105.79**
2.00 m	2.50 m	**127.32**	**138.46**	**145.87**	**102.90**	**128.64**
2.00 m	2.50 m	**150.31**	**169.32**	**176.97**	**115.46**	**153.01**
2.00 m	2.50 m	**174.35**	**186.04**	**193.85**	**128.01**	**170.56**
2.00 m	2.00 m	**68.39**	**64.01**	**70.07**	**76.90**	**69.84**
2.00 m	2.00 m	**88.59**	**87.96**	**94.22**	**89.21**	**90.00**
2.00 m	2.00 m	**110.26**	**115.05**	**121.53**	**101.76**	**112.15**
2.00 m	2.00 m	**133.01**	**144.79**	**151.54**	**114.32**	**135.92**
2.00 m	2.00 m	**156.83**	**177.20**	**184.23**	**126.88**	**161.29**
2.00 m	2.00 m	**181.73**	**194.70**	**201.94**	**139.43**	**179.45**

DIMENSIONES		MEYERHOF	HANSEN	VESIC	TERZAGUI	PROMEDIO
B (m)	L(m)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)	q_a (kN/m^2)
0.50 m	2.50 m	**47.48**	**47.59**	**49.91**	**53.26**	**49.56**
0.50 m	2.50 m	**75.11**	**83.32**	**85.69**	**65.56**	**77.42**
0.50 m	2.50 m	**107.03**	**104.68**	**107.10**	**78.12**	**99.23**
0.50 m	2.50 m	**142.71**	**128.04**	**130.52**	**90.68**	**122.98**
0.50 m	2.50 m	**182.15**	**150.34**	**152.87**	**103.23**	**147.15**
0.50 m	2.50 m	**225.35**	**172.15**	**174.74**	**115.79**	**172.01**
0.50 m	1.25 m	**50.65**	**50.66**	**52.78**	**53.26**	**51.84**
0.50 m	1.25 m	**79.65**	**88.69**	**90.90**	**65.56**	**81.20**
0.50 m	1.25 m	**113.10**	**111.27**	**113.59**	**78.12**	**104.02**
0.50 m	1.25 m	**150.45**	**135.98**	**138.41**	**90.68**	**128.88**
0.50 m	1.25 m	**191.70**	**159.55**	**162.09**	**103.23**	**154.14**
0.50 m	1.25 m	**236.84**	**182.60**	**185.25**	**115.79**	**180.12**
0.50 m	0.83 m	**53.82**	**53.74**	**55.66**	**53.26**	**54.12**
0.50 m	0.83 m	**84.20**	**94.05**	**96.12**	**65.56**	**84.98**
0.50 m	0.83 m	**119.18**	**117.86**	**120.08**	**78.12**	**108.81**
0.50 m	0.83 m	**158.20**	**143.92**	**146.31**	**90.68**	**134.78**
0.50 m	0.83 m	**201.24**	**168.77**	**171.32**	**103.23**	**161.14**
0.50 m	0.83 m	**248.32**	**193.05**	**195.76**	**115.79**	**188.23**
0.50 m	0.63 m	**56.99**	**56.82**	**58.54**	**53.26**	**56.40**
0.50 m	0.63 m	**88.74**	**99.42**	**101.33**	**65.56**	**88.76**
0.50 m	0.63 m	**125.26**	**124.46**	**126.57**	**78.12**	**113.60**
0.50 m	0.63 m	**165.94**	**151.87**	**154.20**	**90.68**	**140.67**
0.50 m	0.63 m	**210.79**	**177.98**	**180.54**	**103.23**	**168.14**
0.50 m	0.63 m	**259.80**	**203.50**	**206.28**	**115.79**	**196.34**
0.50 m	0.50 m	**60.16**	**59.90**	**61.42**	**67.12**	**62.15**
0.50 m	0.50 m	**93.28**	**104.78**	**106.54**	**79.43**	**96.01**
0.50 m	0.50 m	**131.34**	**131.05**	**133.06**	**91.99**	**121.86**
0.50 m	0.50 m	**173.69**	**159.81**	**162.10**	**104.54**	**150.03**
0.50 m	0.50 m	**220.34**	**187.19**	**189.76**	**117.10**	**178.60**
0.50 m	0.50 m	**271.29**	**213.95**	**216.79**	**129.65**	**207.92**

The Terzaghi Bearing-Capacity Equation

One of the early sets of bearing-capacity equations was proposed by Terzaghi (1
shown in Table 4-1. These equations are similar to Eq. (*k*) derived in the previous
but Terzaghi used shape factors noted when the limitations of the equation were di
Terzaghi's equations were produced from a slightly modified bearing-capacity theor

TABLE 4-1
Bearing-capacity equations by the several authors indicated

Terzaghi (1943). See Table 4-2 for typical values and for $K_{p\gamma}$ values.

$$q_{ult} = cN_c s_c + \bar{q}N_q + 0.5\gamma BN_\gamma s_\gamma \qquad N_q = \frac{a^2}{a\cos^2(45 + \phi/2)}$$

$$a = e^{(0.75\pi - \phi/2)\tan\phi}$$

$$N_c = (N_q - 1)\cot\phi$$

$$N_\gamma = \frac{\tan\phi}{2}\left(\frac{K_{p\gamma}}{\cos^2\phi} - 1\right)$$

For:	strip	round	square
s_c =	1.0	1.3	1.3
s_γ =	1.0	0.6	0.8

Meyerhof (1963).* See Table 4-3 for shape, depth, and inclination factors.

Vertical load: $q_{ult} = cN_c s_c d_c + \bar{q}N_q s_q d_q + 0.5\gamma B' N_\gamma s_\gamma d_\gamma$

Inclined load: $q_{ult} = cN_c d_c i_c + \bar{q}N_q d_q i_q + 0.5\gamma B' N_\gamma d_\gamma i_\gamma$

$$N_q = e^{\pi\tan\phi}\tan^2\left(45 + \frac{\phi}{2}\right)$$

$$N_c = (N_q - 1)\cot\phi$$

$$N_\gamma = (N_q - 1)\tan(1.4\phi)$$

Hansen (1970).* See Table 4-5 for shape, depth, and other factors.

General:† $q_{ult} = cN_c s_c d_c i_c g_c b_c + \bar{q}N_q s_q d_q i_q g_q b_q + 0.5\gamma B' N_\gamma s_\gamma d_\gamma i_\gamma g_\gamma b_\gamma$

when $\phi = 0$

use $q_{ult} = 5.14 s_u(1 + s'_c + d'_c - i'_c - b'_c - g'_c) + \bar{q}$

N_q = same as Meyerhof above

N_c = same as Meyerhof above

$N_\gamma = 1.5(N_q - 1)\tan\phi$

Vesić (1973, 1975).* See Table 4-5 for shape, depth, and other factors.
Use Hansen's equations above.

N_q = same as Meyerhof above

N_c = same as Meyerhof above

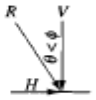
$N_\gamma = 2(N_q + 1)\tan\phi$

*These methods require a trial process to obtain design base dimensions since width B and length L are needed to compute shape, depth, and influence factors.

†See Sec. 4-6 when $i_i < 1$.

TABLE 4-3
**Shape, depth, a
the Meyerhof b
of Table 4-1**

Factors	
Shape:	
	s_q
Depth:	d
	d_q =
Inclination:	i_c



Where $K_p = \tan^2(45 +$
θ = angle of r
a sign; if
B, L, D = previously

1943) as
section,
scussed.
y devel-

nd inclination factors for earing-capacity equations

Value	For
$s_c = 1 + 0.2K_p\frac{B}{L}$	Any ϕ
$= s_\gamma = 1 + 0.1K_p\frac{B}{L}$	$\phi > 10°$
$s_q = s_\gamma = 1$	$\phi = 0$
$d_c = 1 + 0.2\sqrt{K_p}\frac{D}{B}$	Any ϕ
$= d_\gamma = 1 + 0.1\sqrt{K_p}\frac{D}{B}$	$\phi > 10$
$d_q = d_\gamma = 1$	$\phi = 0$
$_c = i_q = \left(1 - \frac{\theta°}{90°}\right)^2$	Any ϕ
$i_\gamma = \left(1 - \frac{\theta°}{\phi°}\right)^2$	$\phi > 0$
$i_\gamma = 0$ for $\theta > 0$	$\phi = 0$

$\cdot \phi/2)$ as in Fig. 4-2
esultant R measured from vertical without
$\theta = 0$ all $i_i = 1.0$.
y defined

TABLE 4-5*a*

Shape and depth factors for use in either the Hansen (1970) or Vesić (1973, 1975*b*) bearing-capacity equations of Table 4-1. Use s'_c, d'_c when $\phi = 0$ only for Hansen equations. Subscripts H, V for Hansen, Vesić, respectively.

Shape factors	Depth factors
$s'_{c(H)} = 0.2\dfrac{B'}{L'}$ $(\phi = 0°)$ $s_{c(H)} = 1.0 + \dfrac{N_q}{N_c} \cdot \dfrac{B'}{L'}$ $s_{c(V)} = 1.0 + \dfrac{N_q}{N_c} \cdot \dfrac{B}{L}$ $s_c = 1.0$ for strip	$d'_c = 0.4k$ $(\phi = 0°)$ $d_c = 1.0 + 0.4k$ $k = D/B$ for $D/B \le 1$ $k = \tan^{-1}(D/B)$ for $D/B > 1$ k in radians
$s_{q(H)} = 1.0 + \dfrac{B'}{L'}\sin\phi$ $s_{q(V)} = 1.0 + \dfrac{B}{L}\tan\phi$ for all ϕ	$d_q = 1 + 2\tan\phi(1 - \sin\phi)^2 k$ k defined above
$s_{\gamma(H)} = 1.0 - 0.4\dfrac{B'}{L'} \ge 0.6$ $s_{\gamma(V)} = 1.0 - 0.4\dfrac{B}{L} \ge 0.6$	$d_\gamma = 1.00$ for all ϕ

Notes:

1. Note use of "effective" base dimensions B', L' by Hansen but not by Vesić.
2. The values above are consistent with either a vertical load or a vertical load accompanied by a horizontal load H_B.
3. With a vertical load and a load H_L (and either $H_B = 0$ or $H_B > 0$) you may have to compute two sets of shape s_i and d_i as $s_{i,B}$, $s_{i,L}$ and $d_{i,B}$, $d_{i,L}$. For i, L subscripts of Eq. (4-2), presented in Sec. 4-6, use ratio L'/B' or D/L'.

TABLE 4-5*b*

Table of incl
Hansen (197
Vesić equatio

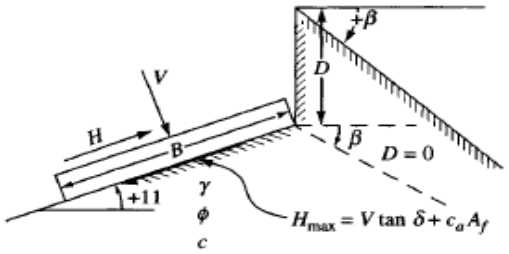
Inclinatio
$i'_c = 0.5 -$
$i_c = i_q - \dfrac{1}{N_q}$
$i_q = \left[1 - \dfrac{}{V +}\right.$
$2 \le \alpha$
$i_\gamma = \left[1 - \dfrac{0}{V +}\right.$
$i_\gamma = \left[1 - \dfrac{(0.7 -}{V +}\right.$
$2 \le \alpha$

Notes:

1. Use H_i as eithe
2. Hansen (1970)
and also used b
3. Variable c_a =
4. Refer to sketch
(parallel and at
V = force *norm*

Notes: $\beta + \eta \quad 90°$ (Both β and η have signs (+) shown.)

$\beta \quad \phi$



For: $L/B \le 2$ use ϕ_{tr}

$L/B > 2$ use $\phi_{ps} = 1.5\,\phi_{tr} - 17°$

$\phi_{tr} \le 34°$ use $\phi_{tr} = \phi_{ps}$

δ = friction angle between base and soil ($.5\phi \le \delta \le \phi$)

$A_f = B'L'$ (effective area)

c_a = base adhesion (0.6 to 1.0c)

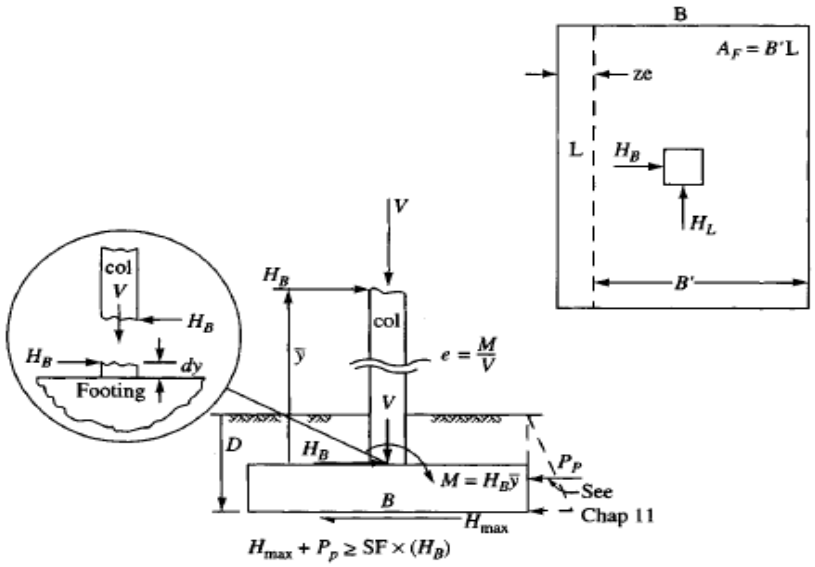


TABLE 4-5
Table of i
the Vesić
See notes
of terms.

Inclin
$i'_c = 1 - \frac{}{A}$
$i_c = i_q - \frac{1}{N}$
i_q, and n
$i_q = \left[1.0 -\right.$
$i_\gamma = \left[1.0 -\right.$
$m = n$
$m = n$

Notes:

1. When $\phi =$
2. Compute n H_L (H par use of B a
3. Refer to T
4. Terms N_c,
5. Vesić alwa in the N_γ t
6. H_i term $\le$

lination, ground, and base factors for the '0) equations. See Table 4-5*c* for equivalent ons.

n factors	Ground factors (base on slope)
$\sqrt{1 - \frac{H_i}{A_f C_a}}$	$g'_c = \frac{\beta^\circ}{147^\circ}$
$\frac{-i_q}{-1}$	$g_c = 1.0 - \frac{\beta^\circ}{147^\circ}$
$\left[\frac{0.5H_i}{A_f c_a \cot\phi}\right]^{\alpha_1}$	$g_q = g_\gamma = (1 - 0.5\tan\beta)^5$
$_1 \le 5$	
	Base factors (tilted base)
$\left[\frac{0.7H_i}{A_f c_a \cot\phi}\right]^{\alpha_2}$	$b'_c = \frac{\eta^\circ}{147^\circ} \quad (\phi = 0)$
$\left[\frac{-\eta^\circ/450^\circ)H_i}{A_f c_a \cot\phi}\right]^{\alpha_2}$	$b_c = 1 - \frac{\eta^\circ}{147^\circ} \quad (\phi > 0)$
$_2 \le 5$	$b_q = \exp(-2\eta\tan\phi)$
	$b_\gamma = \exp(-2.7\eta\tan\phi)$
	η in radians

r H_B or H_L, or both if $H_L > 0$.

did not give an i_c for $\phi > 0$. The value above is from Hansen (1961) y Vesić.

base adhesion, on the order of 0.6 to 1.0 × base cohesion.

for identification of angles η and β, footing depth D, location of H_i top of base slab; usually also produces eccentricity). Especially note *mal* to base and is not the resultant R from combining V and H_i.

5c

inclination, ground, and base factors for (1973, 1975*b*) bearing-capacity equations. s below and refer to sketch for identification

ıation factors		Ground factors (base on slope)
$\frac{mH_i}{{}_f c_a N_c}$	$(\phi = 0)$	$g'_c = \frac{\beta}{5.14}$ β in radians
$\frac{1 - i_q}{N_q - 1}$	$(\phi > 0)$	$g_c = i_q - \frac{1 - i_q}{5.14 \tan \phi}$ $\phi > 0$
m defined below		i_q defined with i_c
$\left[1 - \frac{H_i}{V + A_f c_a \cot \phi}\right]^m$		$g_q = g_\gamma = (1.0 - \tan \beta)^2$
		Base factors (tilted base)
$\left[1 - \frac{H_i}{V + A_f c_a \cot \phi}\right]^{m+1}$		$b'_c = g'_c \quad (\phi = 0)$
$m_B = \frac{2 + B/L}{1 + B/L}$		$b_c = 1 - \frac{2\beta}{5.14 \tan \phi}$
$m_L = \frac{2 + L/B}{1 + L/B}$		$b_q = b_\gamma = (1.0 - \eta \tan \phi)^2$

= 0 (and $\beta \neq 0$) use $N_\gamma = -2 \sin(\pm \beta)$ in N_γ term.

$m = m_B$ when $H_i = H_B$ (H parallel to B) and $m = m_L$ when $H_i =$ allel to L). If you have both H_B and H_L use $m = \sqrt{m_B^2 + m_L^2}$. Note nd L, not B', L'.

able sketch and Tables 4-5*a*,*b* for term identification.

, N_q, and N_γ are identified in Table 4-1.

ays uses the bearing-capacity equation given in Table 4-1 (uses B' term even when $H_i = H_L$).

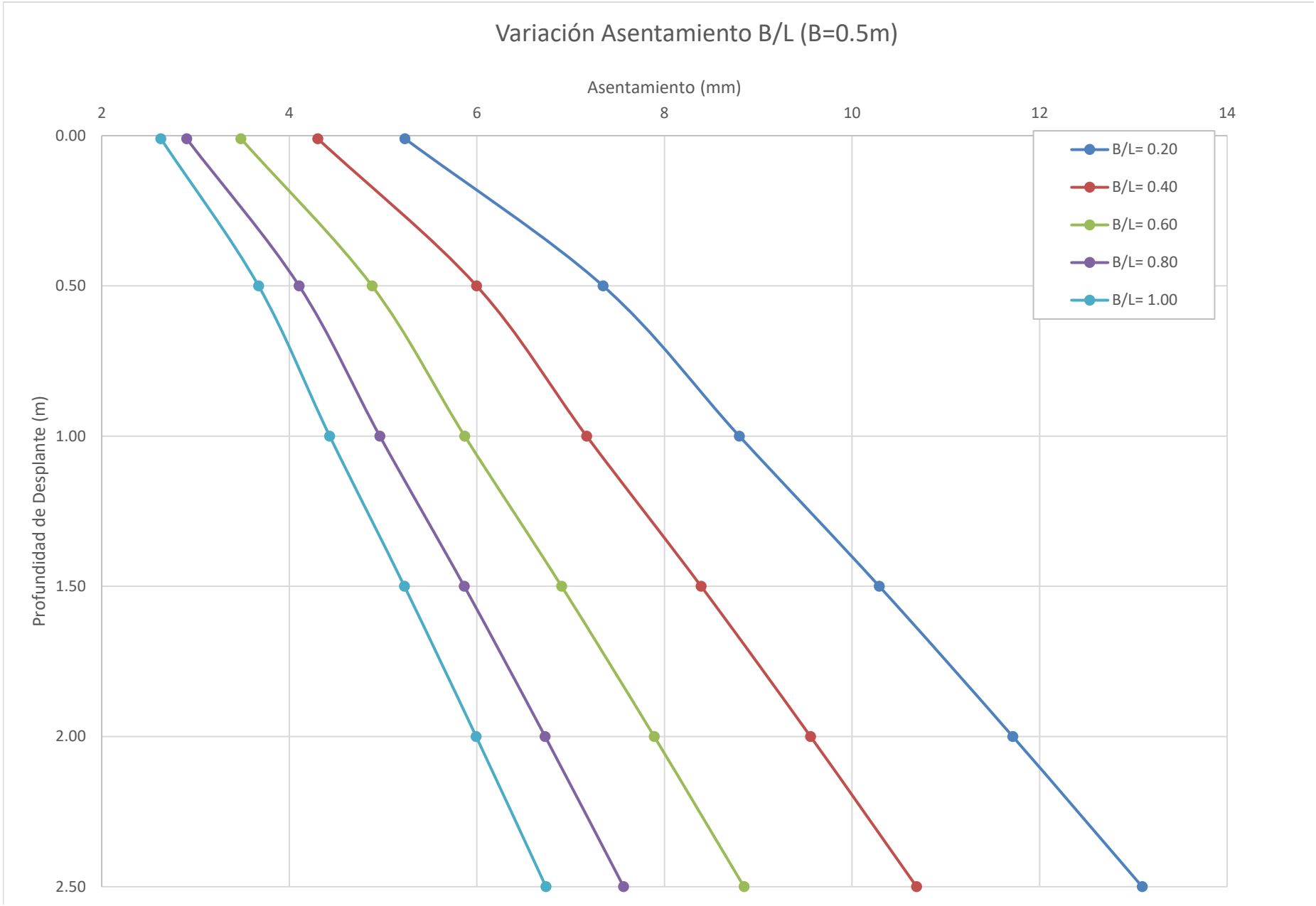
: 1.0 for computing i_q, i_γ (always).

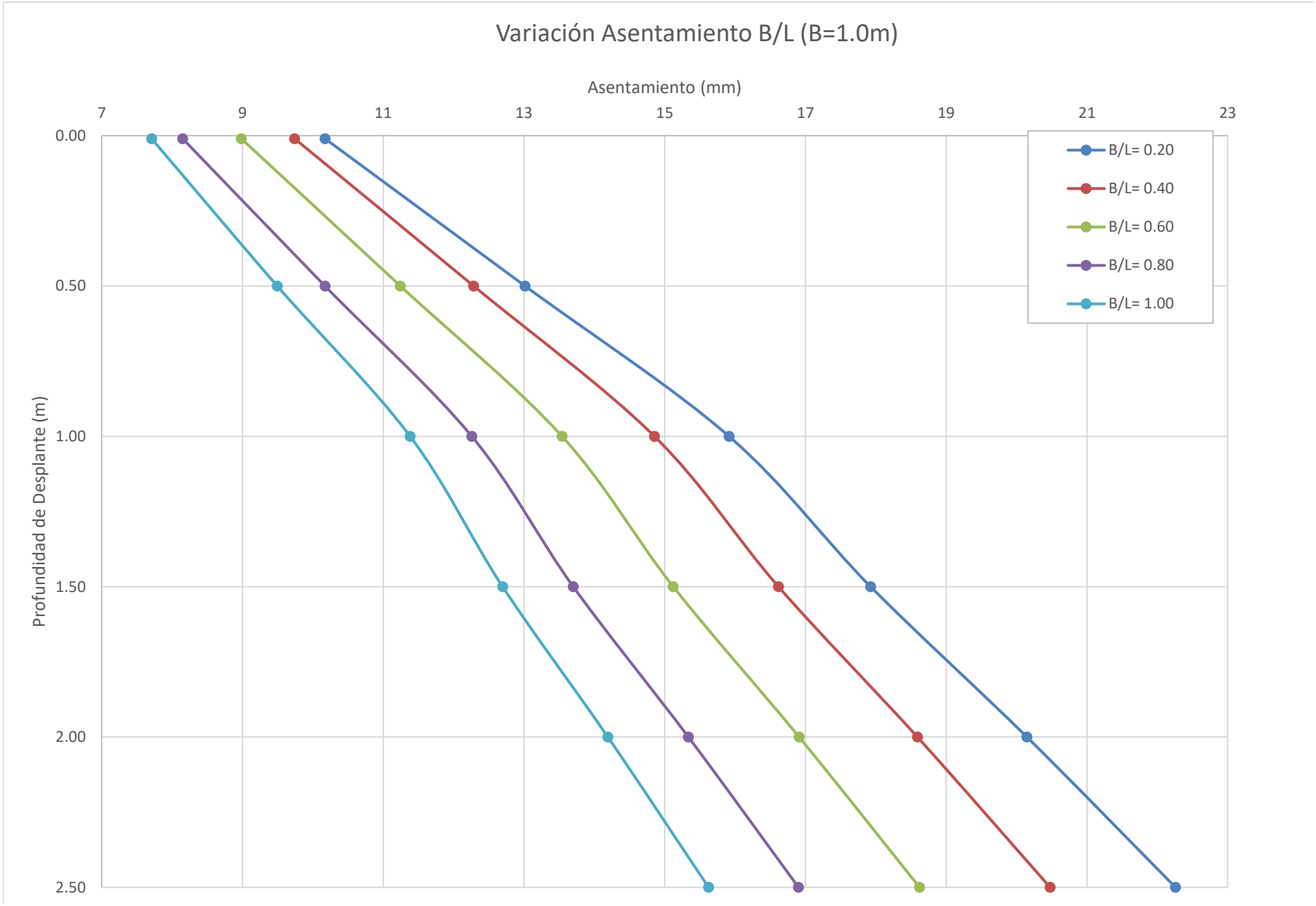
ANEXO C

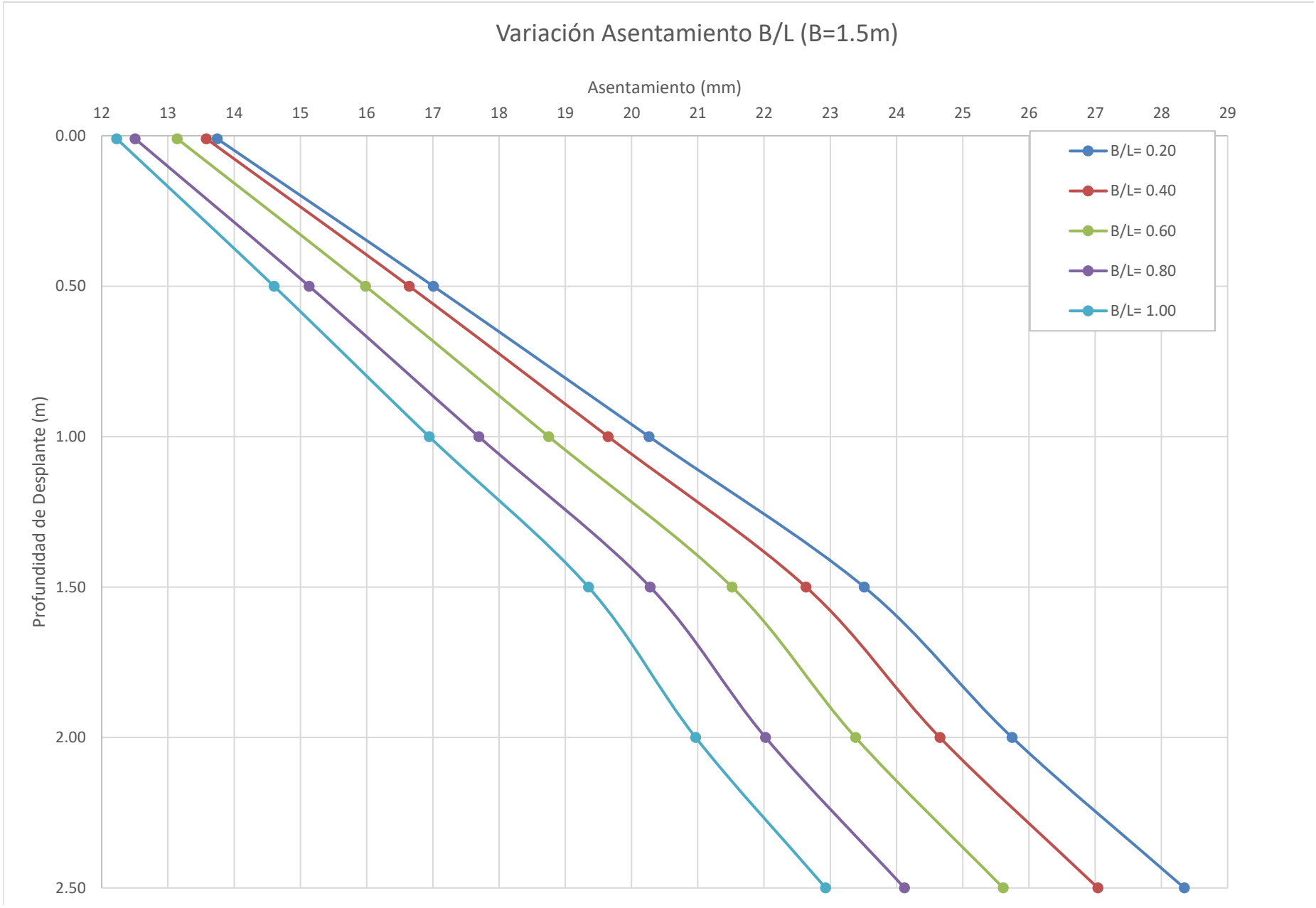
ASENTAMIENTOS

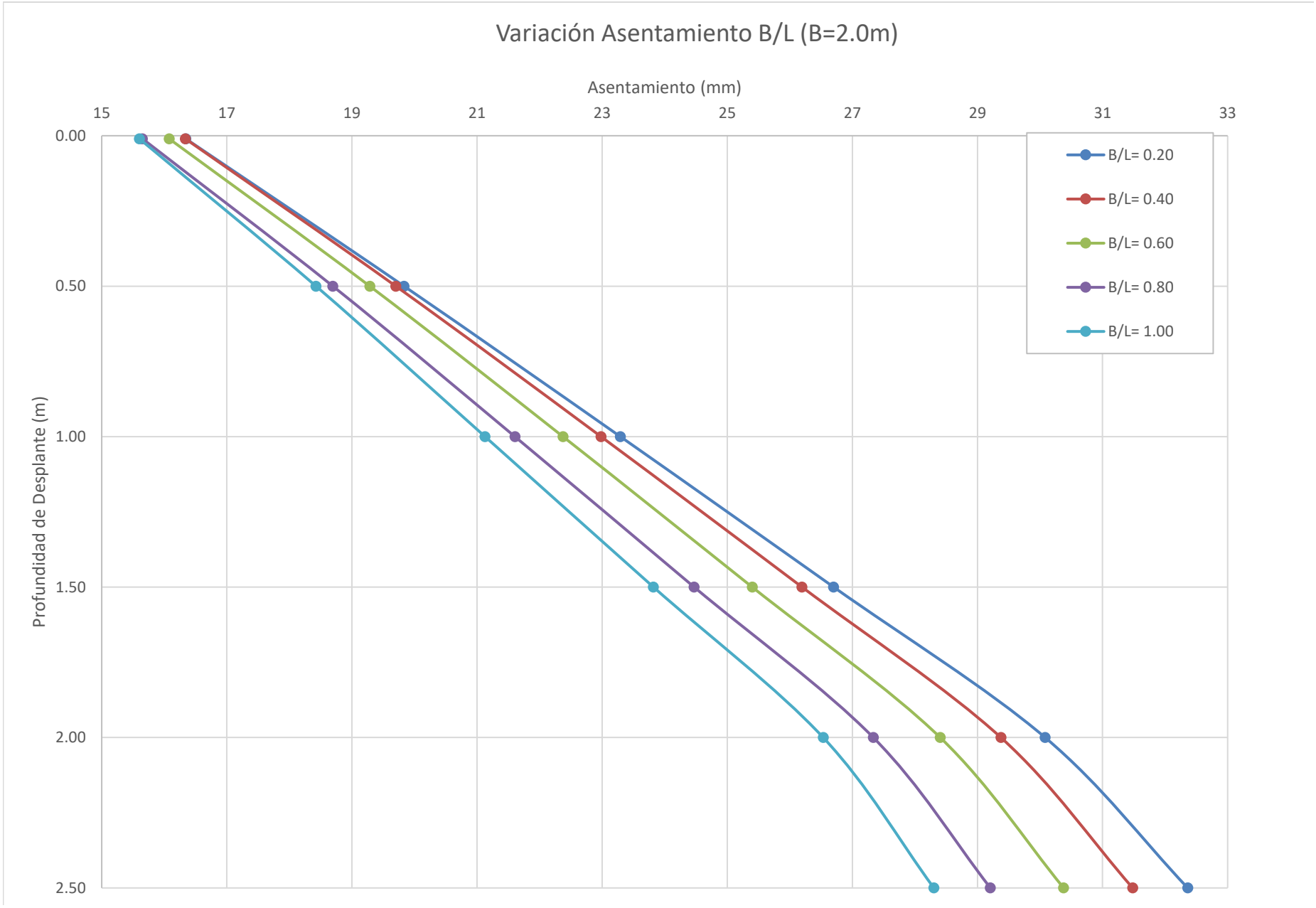
ADECUACIÓN DE INFRAESTRUCTURA FÍSICA DE LA CASA DE LA CULTURA DEL MUNICIPIO DE VITERBO, CALDAS

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MP: 17202-248259 CLD


Variación Asentamiento B/L (B=0.5m)
Asentamiento (mm)
2
4
6
8
10
12
14
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Asentamiento B/L (B=1.0m)
Asentamiento (mm)
7
9
11
13
15
17
19
21
23
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Asentamiento B/L (B=1.5m)
Asentamiento (mm)
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00


Variación Asentamiento B/L (B=2.0m)
Asentamiento (mm)
15
17
19
21
23
25
27
29
31
33
Profundidad de Desplante (m)
0.00
0.50
1.00
1.50
2.00
2.50
B/L= 0.20
B/L= 0.40
B/L= 0.60
B/L= 0.80
B/L= 1.00

GEOMETRÍA DIMENSIONES					PRESIÓN		PROFUNDIDAD			ESFUERZOS		
B *(m)*	L *(m)*	*B'* (m)	*L'* (m)	Df *(m)*	Q *(KN)*	q_o *(Kpa)*	γ *(Kn/m^3)*	$H_{espesor}$ *(m)*	NAF *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)
1.0	**5.0**	0.50	2.50	**0.01**	176	**35.196**	**16.41**	1.00	1.00	0.16	0.00	0.16
1.0	**5.0**	0.50	2.50	**0.50**	245	**48.984**	16.41	1.00	1.00	8.21	0.00	8.21
1.0	**5.0**	0.50	2.50	**1.00**	324	**64.801**	16.41	1.00	1.00	16.41	0.00	16.41
1.0	**5.0**	0.50	2.50	**1.50**	385	**77.051**	16.41	1.00	1.00	24.62	4.91	19.71
1.0	**5.0**	0.50	2.50	**2.00**	456	**91.229**	16.41	1.00	1.00	32.82	9.81	23.01
1.0	**5.0**	0.50	2.50	**2.50**	528	**105.54**	16.41	1.00	1.00	41.03	14.72	26.31
1.0	**2.5**	0.50	1.25	**0.01**	92	**36.626**	16.41	1.00	1.00	0.16	0.00	0.16
1.0	**2.5**	0.50	1.25	**0.50**	128	**51.087**	16.41	1.00	1.00	8.21	0.00	8.21
1.0	**2.5**	0.50	1.25	**1.00**	169	**67.685**	16.41	1.00	1.00	16.41	0.00	16.41
1.0	**2.5**	0.50	1.25	**1.50**	201	**80.457**	16.41	1.00	1.00	24.62	4.91	19.71
1.0	**2.5**	0.50	1.25	**2.00**	238	**95.275**	16.41	1.00	1.00	32.82	9.81	23.01
1.0	**2.5**	0.50	1.25	**2.50**	276	**110.22**	16.41	1.00	1.00	41.03	14.72	26.31
1.0	**1.7**	0.50	0.83	**0.01**	63	**38.056**	16.41	1.00	1.00	0.16	0.00	0.16
1.0	**1.7**	0.50	0.83	**0.50**	89	**53.191**	16.41	1.00	1.00	8.21	0.00	8.21
1.0	**1.7**	0.50	0.83	**1.00**	118	**70.569**	16.41	1.00	1.00	16.41	0.00	16.41
1.0	**1.7**	0.50	0.83	**1.50**	140	**83.864**	16.41	1.00	1.00	24.62	4.91	19.71
1.0	**1.7**	0.50	0.83	**2.00**	166	**99.321**	16.41	1.00	1.00	32.82	9.81	23.01
1.0	**1.7**	0.50	0.83	**2.50**	192	**114.9**	16.41	1.00	1.00	41.03	14.72	26.31
1.0	**1.3**	0.50	0.63	**0.01**	49	**39.486**	16.41	1.00	1.00	0.16	0.00	0.16
1.0	**1.3**	0.50	0.63	**0.50**	69	**55.294**	16.41	1.00	1.00	8.21	0.00	8.21
1.0	**1.3**	0.50	0.63	**1.00**	92	**73.453**	16.41	1.00	1.00	16.41	0.00	16.41
1.0	**1.3**	0.50	0.63	**1.50**	109	**87.271**	16.41	1.00	1.00	24.62	4.91	19.71
1.0	**1.3**	0.50	0.63	**2.00**	129	**103.37**	16.41	1.00	1.00	32.82	9.81	23.01
1.0	**1.3**	0.50	0.63	**2.50**	149	**119.58**	16.41	1.00	1.00	41.03	14.72	26.31
1.0	**1.0**	0.50	0.50	**0.01**	43	**43.09**	16.41	1.00	1.00	0.16	0.00	0.16
1.0	**1.0**	0.50	0.50	**0.50**	60	**59.572**	16.41	1.00	1.00	8.21	0.00	8.21
1.0	**1.0**	0.50	0.50	**1.00**	79	**78.512**	16.41	1.00	1.00	16.41	0.00	16.41
1.0	**1.0**	0.50	0.50	**1.50**	93	**92.853**	16.41	1.00	1.00	24.62	4.91	19.71
1.0	**1.0**	0.50	0.50	**2.00**	110	**109.59**	16.41	1.00	1.00	32.82	9.81	23.01
1.0	**1.0**	0.50	0.50	**2.50**	126	**126.44**	16.41	1.00	1.00	41.03	14.72	26.31

GEOMETRÍA		ELÁ														
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	q_o (Kpa)	I_1	I_2
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	19.2	8.2	1.4	9.6	9.6	9.6	0.267	0.136
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	26.7	11.4	2.0	13.4	13.4	13.4	0.267	0.136
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	35.3	15.1	2.6	17.7	17.7	17.7	0.267	0.136
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	42.0	17.9	3.1	21.0	21.0	21.0	0.267	0.136
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	49.7	21.2	3.7	24.9	24.9	24.9	0.267	0.136
1.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.12	2.74	57.5	24.5	4.2	28.8	28.8	28.8	0.267	0.136
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	18.7	4.9	1.4	8.3	10.3	10.3	0.284	0.114
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	26.0	6.9	1.9	11.6	14.4	14.4	0.284	0.114
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	34.5	9.1	2.5	15.4	19.1	19.1	0.284	0.114
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	41.0	10.8	3.0	18.3	22.7	22.7	0.284	0.114
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	48.5	12.8	3.6	21.6	26.9	26.9	0.284	0.114
1.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.12	1.68	56.2	14.8	4.1	25.0	31.1	31.1	0.284	0.114
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	17.1	2.8	1.2	7.0	10.1	10.1	0.292	0.092
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	23.9	3.9	1.7	9.8	14.1	14.1	0.292	0.092
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	31.7	5.1	2.3	13.0	18.7	18.7	0.292	0.092
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	37.7	6.1	2.7	15.5	22.2	22.2	0.292	0.092
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	44.6	7.2	3.2	18.4	26.3	26.3	0.292	0.092
1.0	**1.7**	1.0	16.4	0.0	16.4	1.30	1.12	1.39	51.6	8.3	3.8	21.2	30.4	30.4	0.292	0.092
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	15.3	1.6	1.1	6.0	9.3	9.3	0.291	0.076
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	21.5	2.2	1.6	8.4	13.0	13.0	0.291	0.076
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	28.5	3.0	2.1	11.2	17.3	17.3	0.291	0.076
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	33.9	3.5	2.5	13.3	20.6	20.6	0.291	0.076
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	40.1	4.2	2.9	15.7	24.4	24.4	0.291	0.076
1.0	**1.3**	1.0	16.4	0.0	16.4	1.18	1.12	1.28	46.4	4.9	3.4	18.2	28.2	28.2	0.291	0.076
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	14.5	1.0	1.0	5.5	9.0	9.0	0.285	0.064
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	20.0	1.4	1.4	7.6	12.4	12.4	0.285	0.064
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	26.4	1.9	1.9	10.1	16.3	16.3	0.285	0.064
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	31.2	2.2	2.2	11.9	19.3	19.3	0.285	0.064
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	36.8	2.7	2.7	14.0	22.8	22.8	0.285	0.064
1.0	**1.0**	1.0	16.4	0.0	16.4	1.12	1.12	1.22	42.5	3.1	3.1	16.2	26.3	26.3	0.285	0.064

GEOMETRÍA STICOS																			
B *(m)*	L *(m)*	*R*	B_1	B_2	B_3	B_4	B_5	R_1	R_2	R_3	R_4	Y_1	Y_2	Y_3	Y_4	Y_5	I_f	I_S	ΔH
1.0	**5.0**	0.0	1.8	2.12	-0.48	-0.52	-0.64	5.00	1.00	5.10	5.10	2.87	2.87	0.00	0.00	0.03	0.998	0.345	**1.89 mm**
1.0	**5.0**	1.0	1.8	2.12	-0.48	-0.52	-0.64	5.10	1.41	5.20	5.10	2.87	2.56	0.47	0.06	0.77	0.875	0.345	**2.31 mm**
1.0	**5.0**	2.0	1.8	2.12	-0.48	-0.52	-0.64	5.39	2.24	5.48	5.10	2.87	2.14	0.65	0.12	0.86	0.780	0.345	**2.72 mm**
1.0	**5.0**	3.0	1.8	2.12	-0.48	-0.52	-0.64	5.83	3.16	5.92	5.10	2.87	1.81	0.69	0.14	0.82	0.719	0.345	**2.98 mm**
1.0	**5.0**	4.0	1.8	2.12	-0.48	-0.52	-0.64	6.40	4.12	6.48	5.10	2.87	1.56	0.67	0.15	0.76	0.675	0.345	**3.32 mm**
1.0	**5.0**	5.0	1.8	2.12	-0.48	-0.52	-0.64	7.07	5.10	7.14	5.10	2.87	1.37	0.63	0.14	0.70	0.644	0.345	**3.66 mm**
1.0	**2.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	2.50	1.00	2.69	2.69	2.24	2.24	0.00	0.00	0.03	0.998	0.349	**2.06 mm**
1.0	**2.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.69	1.41	2.87	2.69	2.24	1.93	0.52	0.09	0.72	0.840	0.349	**2.42 mm**
1.0	**2.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	3.20	2.24	3.35	2.69	2.24	1.50	0.62	0.13	0.71	0.728	0.349	**2.78 mm**
1.0	**2.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.91	3.16	4.03	2.69	2.24	1.18	0.57	0.13	0.61	0.662	0.349	**3.00 mm**
1.0	**2.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.72	4.12	4.82	2.69	2.24	0.96	0.49	0.12	0.52	0.620	0.349	**3.33 mm**
1.0	**2.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.59	5.10	5.68	2.69	2.24	0.80	0.42	0.10	0.44	0.591	0.349	**3.68 mm**
1.0	**1.7**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.67	1.00	1.94	1.94	1.89	1.89	0.00	0.00	0.03	0.997	0.345	**1.98 mm**
1.0	**1.7**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.94	1.41	2.19	1.94	1.89	1.57	0.51	0.10	0.65	0.812	0.345	**2.26 mm**
1.0	**1.7**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.60	2.24	2.79	1.94	1.89	1.14	0.53	0.12	0.58	0.693	0.345	**2.55 mm**
1.0	**1.7**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.43	3.16	3.57	1.94	1.89	0.86	0.44	0.11	0.46	0.629	0.345	**2.75 mm**
1.0	**1.7**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.33	4.12	4.45	1.94	1.89	0.68	0.36	0.09	0.37	0.591	0.345	**3.06 mm**
1.0	**1.7**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.27	5.10	5.36	1.94	1.89	0.56	0.30	0.07	0.31	0.566	0.345	**3.40 mm**
1.0	**1.3**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.25	1.00	1.60	1.60	1.66	1.66	0.00	0.00	0.03	0.997	0.335	**1.78 mm**
1.0	**1.3**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.60	1.41	1.89	1.60	1.66	1.32	0.48	0.10	0.58	0.789	0.335	**1.97 mm**
1.0	**1.3**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.36	2.24	2.56	1.60	1.66	0.91	0.45	0.11	0.48	0.668	0.335	**2.22 mm**
1.0	**1.3**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.25	3.16	3.40	1.60	1.66	0.67	0.35	0.09	0.37	0.608	0.335	**2.40 mm**
1.0	**1.3**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.19	4.12	4.31	1.60	1.66	0.52	0.28	0.07	0.29	0.573	0.335	**2.68 mm**
1.0	**1.3**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.15	5.10	5.25	1.60	1.66	0.42	0.23	0.06	0.24	0.552	0.335	**2.98 mm**
1.0	**1.0**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.00	1.00	1.41	1.41	1.49	1.49	0.00	0.00	0.03	0.996	0.322	**1.65 mm**
1.0	**1.0**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.41	1.41	1.73	1.41	1.49	1.14	0.45	0.10	0.52	0.770	0.322	**1.76 mm**
1.0	**1.0**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.24	2.24	2.45	1.41	1.49	0.75	0.38	0.09	0.40	0.650	0.322	**1.96 mm**
1.0	**1.0**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.16	3.16	3.32	1.41	1.49	0.54	0.29	0.07	0.30	0.593	0.322	**2.11 mm**
1.0	**1.0**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.12	4.12	4.24	1.41	1.49	0.42	0.23	0.06	0.24	0.562	0.322	**2.36 mm**
1.0	**1.0**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.10	5.10	5.20	1.41	1.49	0.34	0.19	0.05	0.19	0.542	0.322	**2.63 mm**

GEOMETRÍA						CAPA 1													
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	19.2	8.2	1.4	9.6	9.6	17.8	SC Menor	47.2	4.7	0.0	**4.72 mm**
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	26.7	11.4	2.0	13.4	13.4	21.6	SC Menor	58.8	5.9	0.0	**5.88 mm**
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	35.3	15.1	2.6	17.7	17.7	25.9	SC Menor	70.0	7.0	0.0	**7.00 mm**
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	42.0	17.9	3.1	21.0	21.0	29.2	SC Menor	77.3	7.7	0.0	**7.73 mm**
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	49.7	21.2	3.7	24.9	24.9	33.1	SC Menor	84.9	8.5	0.0	**8.49 mm**
1.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.12	2.74	57.5	24.5	4.2	28.8	28.8	37.0	SC Menor	91.7	9.2	0.0	**9.17 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	18.7	4.9	1.4	8.3	10.3	18.5	SC Menor	49.7	5.0	0.0	**4.97 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	26.0	6.9	1.9	11.6	14.4	22.6	SC Menor	61.8	6.2	0.0	**6.18 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	34.5	9.1	2.5	15.4	19.1	27.3	SC Menor	73.3	7.3	0.0	**7.33 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	41.0	10.8	3.0	18.3	22.7	30.9	SC Menor	80.8	8.1	0.0	**8.08 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	48.5	12.8	3.6	21.6	26.9	35.1	SC Menor	88.6	8.9	0.0	**8.86 mm**
1.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.12	1.68	56.2	14.8	4.1	25.0	31.1	39.3	SC Menor	95.5	9.5	0.0	**9.55 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	17.1	2.8	1.2	7.0	10.1	18.3	SC Menor	48.8	4.9	0.0	**4.88 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	23.9	3.9	1.7	9.8	14.1	22.3	SC Menor	60.8	6.1	0.0	**6.08 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	31.7	5.1	2.3	13.0	18.7	26.9	SC Menor	72.3	7.2	0.0	**7.23 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	37.7	6.1	2.7	15.5	22.2	30.4	SC Menor	79.8	8.0	0.0	**7.98 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	44.6	7.2	3.2	18.4	26.3	34.5	SC Menor	87.4	8.7	0.0	**8.74 mm**
1.0	**1.7**	1.0	8.2	0.0	8.2	1.30	1.12	1.39	51.6	8.3	3.8	21.2	30.4	38.6	SC Menor	94.3	9.4	0.0	**9.43 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	15.3	1.6	1.1	6.0	9.3	17.5	SC Menor	46.2	4.6	0.0	**4.62 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	21.5	2.2	1.6	8.4	13.0	21.3	SC Menor	58.0	5.8	0.0	**5.80 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	28.5	3.0	2.1	11.2	17.3	25.5	SC Menor	69.2	6.9	0.0	**6.92 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	33.9	3.5	2.5	13.3	20.6	28.8	SC Menor	76.5	7.6	0.0	**7.65 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	40.1	4.2	2.9	15.7	24.4	32.6	SC Menor	84.0	8.4	0.0	**8.40 mm**
1.0	**1.3**	1.0	8.2	0.0	8.2	1.18	1.12	1.28	46.4	4.9	3.4	18.2	28.2	36.4	SC Menor	90.8	9.1	0.0	**9.08 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	14.5	1.0	1.0	5.5	9.0	17.2	SC Menor	45.0	4.5	0.0	**4.50 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	20.0	1.4	1.4	7.6	12.4	20.6	SC Menor	56.1	5.6	0.0	**5.61 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	26.4	1.9	1.9	10.1	16.3	24.5	SC Menor	66.7	6.7	0.0	**6.67 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	31.2	2.2	2.2	11.9	19.3	27.5	SC Menor	73.7	7.4	0.0	**7.37 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	36.8	2.7	2.7	14.0	22.8	31.0	SC Menor	81.0	8.1	0.0	**8.10 mm**
1.0	**1.0**	1.0	8.2	0.0	8.2	1.12	1.12	1.22	42.5	3.1	3.1	16.2	26.3	34.5	SC Menor	87.5	8.7	0.0	**8.75 mm**

GEOMETRÍA		CAPA 2																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	10.0	2.6	0.2	4.3	5.8	25.5	SC Menor	15.6 mm	1.6 mm	0.0 mm	**1.56 mm**
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	13.9	3.6	0.3	5.9	8.0	27.7	SC Menor	20.8 mm	2.1 mm	0.0 mm	**2.08 mm**
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	18.5	4.8	0.4	7.9	10.6	30.3	SC Menor	26.2 mm	2.6 mm	0.0 mm	**2.62 mm**
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	21.9	5.7	0.4	9.3	12.6	32.3	SC Menor	30.1 mm	3.0 mm	0.0 mm	**3.01 mm**
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	26.0	6.7	0.5	11.1	14.9	34.6	SC Menor	34.3 mm	3.4 mm	0.0 mm	**3.43 mm**
1.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.06	3.24	30.1	7.7	0.6	12.8	17.3	37.0	SC Menor	38.3 mm	3.8 mm	0.0 mm	**3.83 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	8.0	0.8	0.2	3.0	5.0	24.7	SC Menor	13.8 mm	1.4 mm	0.0 mm	**1.38 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	11.2	1.2	0.2	4.2	7.0	26.7	SC Menor	18.5 mm	1.9 mm	0.0 mm	**1.85 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	14.8	1.5	0.3	5.6	9.3	29.0	SC Menor	23.5 mm	2.3 mm	0.0 mm	**2.35 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	17.6	1.8	0.4	6.6	11.0	30.7	SC Menor	27.1 mm	2.7 mm	0.0 mm	**2.71 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	20.9	2.2	0.4	7.8	13.1	32.8	SC Menor	31.0 mm	3.1 mm	0.0 mm	**3.10 mm**
1.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.06	2.41	24.1	2.5	0.5	9.0	15.1	34.8	SC Menor	34.7 mm	3.5 mm	0.0 mm	**3.47 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	6.3	0.3	0.1	2.3	4.1	23.8	SC Menor	11.4 mm	1.1 mm	0.0 mm	**1.14 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	8.9	0.5	0.2	3.2	5.7	25.4	SC Menor	15.5 mm	1.5 mm	0.0 mm	**1.55 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	11.7	0.6	0.2	4.2	7.5	27.3	SC Menor	19.8 mm	2.0 mm	0.0 mm	**1.98 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	14.0	0.7	0.3	5.0	9.0	28.7	SC Menor	22.9 mm	2.3 mm	0.0 mm	**2.29 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	16.5	0.9	0.3	5.9	10.6	30.3	SC Menor	26.3 mm	2.6 mm	0.0 mm	**2.63 mm**
1.0	**1.7**	2.0	24.6	4.9	19.7	2.17	2.06	2.22	19.1	1.0	0.4	6.8	12.3	32.0	SC Menor	29.5 mm	3.0 mm	0.0 mm	**2.95 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	5.2	0.2	0.1	1.8	3.4	23.1	SC Menor	9.6 mm	1.0 mm	0.0 mm	**0.96 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	7.3	0.2	0.1	2.5	4.7	24.4	SC Menor	13.1 mm	1.3 mm	0.0 mm	**1.31 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	9.7	0.3	0.2	3.4	6.3	26.0	SC Menor	16.9 mm	1.7 mm	0.0 mm	**1.69 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	11.5	0.4	0.2	4.0	7.5	27.2	SC Menor	19.6 mm	2.0 mm	0.0 mm	**1.96 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	13.6	0.4	0.3	4.8	8.8	28.6	SC Menor	22.6 mm	2.3 mm	0.0 mm	**2.26 mm**
1.0	**1.3**	2.0	24.6	4.9	19.7	2.10	2.06	2.15	15.7	0.5	0.3	5.5	10.2	29.9	SC Menor	25.5 mm	2.5 mm	0.0 mm	**2.55 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	4.7	0.1	0.1	1.6	3.0	22.8	SC Menor	8.7 mm	0.9 mm	0.0 mm	**0.87 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	6.4	0.1	0.1	2.2	4.2	23.9	SC Menor	11.8 mm	1.2 mm	0.0 mm	**1.18 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	8.5	0.2	0.2	2.9	5.5	25.3	SC Menor	15.1 mm	1.5 mm	0.0 mm	**1.51 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	10.0	0.2	0.2	3.5	6.6	26.3	SC Menor	17.5 mm	1.7 mm	0.0 mm	**1.75 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	11.8	0.2	0.2	4.1	7.7	27.4	SC Menor	20.2 mm	2.0 mm	0.0 mm	**2.02 mm**
1.0	**1.0**	2.0	24.6	4.9	19.7	2.06	2.06	2.12	13.7	0.3	0.3	4.7	8.9	28.6	SC Menor	22.8 mm	2.3 mm	0.0 mm	**2.28 mm**

GEOMETRÍA		CAPA 3																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	6.1	1.0	0.1	2.4	3.7	30.0	SC Menor	8.0 mm	0.8 mm	0.0 mm	**0.80 mm**
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	8.4	1.3	0.1	3.3	5.2	31.5	SC Menor	10.9 mm	1.1 mm	0.0 mm	**1.09 mm**
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	11.2	1.8	0.1	4.3	6.8	33.1	SC Menor	14.1 mm	1.4 mm	0.0 mm	**1.41 mm**
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	13.3	2.1	0.1	5.2	8.1	34.4	SC Menor	16.4 mm	1.6 mm	0.0 mm	**1.64 mm**
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	15.7	2.5	0.1	6.1	9.6	35.9	SC Menor	19.0 mm	1.9 mm	0.0 mm	**1.90 mm**
1.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.04	3.94	18.2	2.9	0.2	7.1	11.1	37.4	SC Menor	21.5 mm	2.1 mm	0.0 mm	**2.15 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	4.2	0.2	0.0	1.5	2.7	29.0	SC Menor	5.9 mm	0.6 mm	0.0 mm	**0.59 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	5.8	0.3	0.1	2.1	3.8	30.1	SC Menor	8.1 mm	0.8 mm	0.0 mm	**0.81 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	7.7	0.4	0.1	2.7	5.0	31.3	SC Menor	10.6 mm	1.1 mm	0.0 mm	**1.06 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	9.2	0.5	0.1	3.2	5.9	32.2	SC Menor	12.4 mm	1.2 mm	0.0 mm	**1.24 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	10.9	0.6	0.1	3.8	7.0	33.3	SC Menor	14.4 mm	1.4 mm	0.0 mm	**1.44 mm**
1.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.04	3.29	12.6	0.7	0.1	4.4	8.1	34.4	SC Menor	16.4 mm	1.6 mm	0.0 mm	**1.64 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	3.1	0.1	0.0	1.1	2.0	28.3	SC Menor	4.5 mm	0.5 mm	0.0 mm	**0.45 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	4.3	0.1	0.0	1.5	2.8	29.1	SC Menor	6.2 mm	0.6 mm	0.0 mm	**0.62 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	5.7	0.1	0.1	2.0	3.8	30.1	SC Menor	8.1 mm	0.8 mm	0.0 mm	**0.81 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	6.8	0.2	0.1	2.3	4.5	30.8	SC Menor	9.6 mm	1.0 mm	0.0 mm	**0.96 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	8.1	0.2	0.1	2.8	5.3	31.6	SC Menor	11.2 mm	1.1 mm	0.0 mm	**1.12 mm**
1.0	**1.7**	3.0	41.0	14.7	26.3	3.11	3.04	3.15	9.3	0.2	0.1	3.2	6.1	32.4	SC Menor	12.8 mm	1.3 mm	0.0 mm	**1.28 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	2.5	0.0	0.0	0.8	1.6	27.9	SC Menor	3.7 mm	0.4 mm	0.0 mm	**0.37 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	3.5	0.0	0.0	1.2	2.3	28.6	SC Menor	5.1 mm	0.5 mm	0.0 mm	**0.51 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	4.6	0.1	0.0	1.6	3.0	29.3	SC Menor	6.6 mm	0.7 mm	0.0 mm	**0.66 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	5.5	0.1	0.0	1.9	3.6	29.9	SC Menor	7.8 mm	0.8 mm	0.0 mm	**0.78 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	6.5	0.1	0.1	2.2	4.3	30.6	SC Menor	9.2 mm	0.9 mm	0.0 mm	**0.92 mm**
1.0	**1.3**	3.0	41.0	14.7	26.3	3.06	3.04	3.10	7.5	0.1	0.1	2.6	4.9	31.2	SC Menor	10.5 mm	1.0 mm	0.0 mm	**1.05 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	2.2	0.0	0.0	0.7	1.4	27.8	SC Menor	3.3 mm	0.3 mm	0.0 mm	**0.33 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	3.0	0.0	0.0	1.0	2.0	28.3	SC Menor	4.5 mm	0.4 mm	0.0 mm	**0.45 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	4.0	0.0	0.0	1.4	2.6	28.9	SC Menor	5.8 mm	0.6 mm	0.0 mm	**0.58 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	4.7	0.0	0.0	1.6	3.1	29.4	SC Menor	6.8 mm	0.7 mm	0.0 mm	**0.68 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	5.6	0.1	0.1	1.9	3.7	30.0	SC Menor	8.0 mm	0.8 mm	0.0 mm	**0.80 mm**
1.0	**1.0**	3.0	41.0	14.7	26.3	3.04	3.04	3.08	6.4	0.1	0.1	2.2	4.2	30.5	SC Menor	9.1 mm	0.9 mm	0.0 mm	**0.91 mm**

GEOMETRÍA		CAPA 4																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	4.0	0.4	0.0	1.5	2.5	35.4	SC Menor	4.5	0.4	0.0	**0.45 mm**
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	5.6	0.6	0.0	2.1	3.5	36.4	SC Menor	6.2	0.6	0.0	**0.62 mm**
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	7.3	0.8	0.0	2.7	4.6	37.5	SC Menor	8.0	0.8	0.0	**0.80 mm**
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	8.7	0.9	0.0	3.2	5.5	38.4	SC Menor	9.4	0.9	0.0	**0.94 mm**
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	10.3	1.1	0.1	3.8	6.5	39.4	SC Menor	11.0	1.1	0.0	**1.10 mm**
1.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.03	4.74	12.0	1.2	0.1	4.4	7.5	40.5	SC Menor	12.6	1.3	0.0	**1.26 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	2.5	0.1	0.0	0.9	1.6	34.5	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	3.5	0.1	0.0	1.2	2.3	35.2	SC Menor	4.1	0.4	0.0	**0.41 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	4.6	0.1	0.0	1.6	3.0	35.9	SC Menor	5.4	0.5	0.0	**0.54 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	5.5	0.2	0.0	1.9	3.6	36.5	SC Menor	6.3	0.6	0.0	**0.63 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	6.5	0.2	0.0	2.2	4.3	37.2	SC Menor	7.4	0.7	0.0	**0.74 mm**
1.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.03	4.22	7.5	0.2	0.0	2.6	4.9	37.8	SC Menor	8.5	0.8	0.0	**0.85 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	1.8	0.0	0.0	0.6	1.2	34.1	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	2.5	0.0	0.0	0.9	1.7	34.6	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	3.3	0.0	0.0	1.1	2.2	35.1	SC Menor	4.0	0.4	0.0	**0.40 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	4.0	0.1	0.0	1.4	2.6	35.5	SC Menor	4.7	0.5	0.0	**0.47 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	4.7	0.1	0.0	1.6	3.1	36.0	SC Menor	5.5	0.5	0.0	**0.55 mm**
1.0	**1.7**	4.0	57.4	24.5	32.9	4.09	4.03	4.12	5.4	0.1	0.0	1.9	3.6	36.5	SC Menor	6.3	0.6	0.0	**0.63 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	1.4	0.0	0.0	0.5	0.9	33.9	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	2.0	0.0	0.0	0.7	1.3	34.2	SC Menor	2.4	0.2	0.0	**0.24 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	2.7	0.0	0.0	0.9	1.8	34.7	SC Menor	3.2	0.3	0.0	**0.32 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	3.2	0.0	0.0	1.1	2.1	35.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	3.7	0.0	0.0	1.3	2.5	35.4	SC Menor	4.4	0.4	0.0	**0.44 mm**
1.0	**1.3**	4.0	57.4	24.5	32.9	4.05	4.03	4.08	4.3	0.0	0.0	1.5	2.9	35.8	SC Menor	5.1	0.5	0.0	**0.51 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	1.3	0.0	0.0	0.4	0.8	33.7	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	1.7	0.0	0.0	0.6	1.1	34.1	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	2.3	0.0	0.0	0.8	1.5	34.4	SC Menor	2.7	0.3	0.0	**0.27 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	2.7	0.0	0.0	0.9	1.8	34.7	SC Menor	3.2	0.3	0.0	**0.32 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	3.2	0.0	0.0	1.1	2.1	35.0	SC Menor	3.8	0.4	0.0	**0.38 mm**
1.0	**1.0**	4.0	57.4	24.5	32.9	4.03	4.03	4.06	3.7	0.0	0.0	1.2	2.4	35.3	SC Menor	4.4	0.4	0.0	**0.44 mm**

GEOMETRÍA		CAPA 5																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	2.8	0.2	0.0	1.0	1.8	41.3	SC Menor	2.7	0.3	0.0	**0.27 mm**
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	3.9	0.3	0.0	1.4	2.5	42.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	5.1	0.4	0.0	1.8	3.3	42.8	SC Menor	4.9	0.5	0.0	**0.49 mm**
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	6.1	0.4	0.0	2.2	3.9	43.4	SC Menor	5.8	0.6	0.0	**0.58 mm**
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	7.2	0.5	0.0	2.6	4.6	44.1	SC Menor	6.8	0.7	0.0	**0.68 mm**
1.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.02	5.61	8.3	0.6	0.0	3.0	5.4	44.9	SC Menor	7.7	0.8	0.0	**0.77 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	1.6	0.0	0.0	0.6	1.1	40.6	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	2.3	0.0	0.0	0.8	1.5	41.0	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	3.0	0.1	0.0	1.0	2.0	41.5	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	3.6	0.1	0.0	1.2	2.4	41.9	SC Menor	3.6	0.4	0.0	**0.36 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	4.3	0.1	0.0	1.5	2.8	42.3	SC Menor	4.2	0.4	0.0	**0.42 mm**
1.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.02	5.18	5.0	0.1	0.0	1.7	3.3	42.8	SC Menor	4.8	0.5	0.0	**0.48 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	1.2	0.0	0.0	0.4	0.8	40.3	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	1.6	0.0	0.0	0.6	1.1	40.6	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	2.2	0.0	0.0	0.7	1.4	41.0	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	2.6	0.0	0.0	0.9	1.7	41.2	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	3.1	0.0	0.0	1.0	2.0	41.5	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.0	**1.7**	5.0	73.8	34.3	39.5	5.07	5.02	5.09	3.5	0.0	0.0	1.2	2.3	41.9	SC Menor	3.5	0.4	0.0	**0.35 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	0.9	0.0	0.0	0.3	0.6	40.1	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	1.3	0.0	0.0	0.4	0.9	40.4	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	1.7	0.0	0.0	0.6	1.1	40.6	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	2.0	0.0	0.0	0.7	1.4	40.9	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	2.4	0.0	0.0	0.8	1.6	41.1	SC Menor	2.4	0.2	0.0	**0.24 mm**
1.0	**1.3**	5.0	73.8	34.3	39.5	5.04	5.02	5.06	2.8	0.0	0.0	0.9	1.9	41.4	SC Menor	2.8	0.3	0.0	**0.28 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	0.8	0.0	0.0	0.3	0.5	40.0	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	1.1	0.0	0.0	0.4	0.7	40.3	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	1.5	0.0	0.0	0.5	1.0	40.5	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	1.7	0.0	0.0	0.6	1.2	40.7	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	2.1	0.0	0.0	0.7	1.4	40.9	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.0	**1.0**	5.0	73.8	34.3	39.5	5.02	5.02	5.05	2.4	0.0	0.0	0.8	1.6	41.1	SC Menor	2.4	0.2	0.0	**0.24 mm**

GEOMETRÍA		CAPA 6																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	2.0	0.1	0.0	0.7	1.3	47.4	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	2.8	0.1	0.0	1.0	1.8	47.9	SC Menor	2.4	0.2	0.0	**0.24 mm**
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	3.8	0.2	0.0	1.3	2.4	48.5	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	4.5	0.2	0.0	1.6	2.9	49.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	5.3	0.3	0.0	1.9	3.4	49.5	SC Menor	4.4	0.4	0.0	**0.44 mm**
1.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.02	6.52	6.1	0.3	0.0	2.1	4.0	50.1	SC Menor	5.0	0.5	0.0	**0.50 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	1.2	0.0	0.0	0.4	0.8	46.9	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	1.6	0.0	0.0	0.6	1.1	47.2	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	2.2	0.0	0.0	0.7	1.4	47.5	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	2.6	0.0	0.0	0.9	1.7	47.8	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	3.0	0.0	0.0	1.0	2.0	48.1	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.02	6.15	3.5	0.0	0.0	1.2	2.3	48.4	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	0.8	0.0	0.0	0.3	0.5	46.7	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	1.2	0.0	0.0	0.4	0.8	46.9	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	1.5	0.0	0.0	0.5	1.0	47.1	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	1.8	0.0	0.0	0.6	1.2	47.3	SC Menor	1.6	0.2	0.0	**0.16 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	2.1	0.0	0.0	0.7	1.4	47.5	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.0	**1.7**	6.0	90.3	44.1	46.1	6.06	6.02	6.08	2.5	0.0	0.0	0.8	1.6	47.8	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	0.6	0.0	0.0	0.2	0.4	46.5	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	0.9	0.0	0.0	0.3	0.6	46.7	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	1.2	0.0	0.0	0.4	0.8	46.9	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	1.4	0.0	0.0	0.5	0.9	47.1	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	1.7	0.0	0.0	0.6	1.1	47.2	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.0	**1.3**	6.0	90.3	44.1	46.1	6.03	6.02	6.05	2.0	0.0	0.0	0.7	1.3	47.4	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	0.6	0.0	0.0	0.2	0.4	46.5	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	0.8	0.0	0.0	0.3	0.5	46.6	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	1.0	0.0	0.0	0.3	0.7	46.8	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	1.2	0.0	0.0	0.4	0.8	46.9	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	1.4	0.0	0.0	0.5	1.0	47.1	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**1.0**	6.0	90.3	44.1	46.1	6.02	6.02	6.04	1.7	0.0	0.0	0.6	1.1	47.2	SC Menor	1.4	0.1	0.0	**0.14 mm**

GEOMETRÍA		CAPA 7																		
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	1.5	0.1	0.0	0.5	1.0	53.7	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	2.2	0.1	0.0	0.7	1.4	54.1	SC Menor	1.6	0.2	0.0	**0.16 mm**
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	2.8	0.1	0.0	1.0	1.9	54.6	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	3.4	0.1	0.0	1.2	2.2	54.9	SC Menor	2.5	0.3	0.0	**0.25 mm**
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	4.0	0.2	0.0	1.4	2.6	55.3	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.02	7.45	4.6	0.2	0.0	1.6	3.0	55.7	SC Menor	3.4	0.3	0.0	**0.34 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	0.9	0.0	0.0	0.3	0.6	53.3	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	1.2	0.0	0.0	0.4	0.8	53.5	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	1.6	0.0	0.0	0.5	1.1	53.8	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	1.9	0.0	0.0	0.6	1.3	54.0	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	2.3	0.0	0.0	0.8	1.5	54.2	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.02	7.13	2.6	0.0	0.0	0.9	1.7	54.4	SC Menor	2.0	0.2	0.0	**0.20 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	0.6	0.0	0.0	0.2	0.4	53.1	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	0.9	0.0	0.0	0.3	0.6	53.3	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	1.1	0.0	0.0	0.4	0.7	53.5	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	1.3	0.0	0.0	0.4	0.9	53.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	1.6	0.0	0.0	0.5	1.1	53.8	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**1.7**	7.0	106.7	54.0	52.7	7.05	7.02	7.07	1.8	0.0	0.0	0.6	1.2	53.9	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	0.5	0.0	0.0	0.2	0.3	53.0	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	0.7	0.0	0.0	0.2	0.4	53.2	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	0.9	0.0	0.0	0.3	0.6	53.3	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	1.1	0.0	0.0	0.4	0.7	53.4	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	1.2	0.0	0.0	0.4	0.8	53.5	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**1.3**	7.0	106.7	54.0	52.7	7.03	7.02	7.05	1.4	0.0	0.0	0.5	1.0	53.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	0.4	0.0	0.0	0.1	0.3	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	0.6	0.0	0.0	0.2	0.4	53.1	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	0.8	0.0	0.0	0.3	0.5	53.2	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	0.9	0.0	0.0	0.3	0.6	53.3	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	1.1	0.0	0.0	0.4	0.7	53.4	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.0**	7.0	106.7	54.0	52.7	7.02	7.02	7.04	1.2	0.0	0.0	0.4	0.8	53.5	SC Menor	0.9	0.1	0.0	**0.09 mm**

GEOMETRÍA		CAPA 8																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	1.1	0.0	0.0	0.4	0.7	61.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	1.5	0.0	0.0	0.5	1.0	62.0	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	2.0	0.1	0.0	0.7	1.3	62.3	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	2.4	0.1	0.0	0.8	1.6	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	2.8	0.1	0.0	1.0	1.8	62.8	SC Menor	2.7	0.3	0.0	**0.27 mm**
1.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.51	8.87	3.2	0.1	0.0	1.1	2.1	63.1	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	0.6	0.0	0.0	0.2	0.4	61.4	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	0.8	0.0	0.0	0.3	0.5	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	1.1	0.0	0.0	0.4	0.7	61.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	1.3	0.0	0.0	0.4	0.9	61.8	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	1.5	0.0	0.0	0.5	1.0	62.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.51	8.61	1.8	0.0	0.0	0.6	1.2	62.1	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	0.4	0.0	0.0	0.1	0.3	61.2	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	0.6	0.0	0.0	0.2	0.4	61.3	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	0.8	0.0	0.0	0.3	0.5	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	0.9	0.0	0.0	0.3	0.6	61.6	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	1.1	0.0	0.0	0.4	0.7	61.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**1.7**	8.5	127.2	66.2	61.0	8.54	8.51	8.56	1.3	0.0	0.0	0.4	0.8	61.8	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	0.3	0.0	0.0	0.1	0.2	61.2	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	0.5	0.0	0.0	0.2	0.3	61.3	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	0.6	0.0	0.0	0.2	0.4	61.4	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	0.7	0.0	0.0	0.2	0.5	61.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	0.8	0.0	0.0	0.3	0.6	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.3**	8.5	127.2	66.2	61.0	8.52	8.51	8.54	1.0	0.0	0.0	0.3	0.7	61.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.3	0.0	0.0	0.1	0.2	61.1	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.4	0.0	0.0	0.1	0.3	61.2	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.5	0.0	0.0	0.2	0.3	61.3	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.6	0.0	0.0	0.2	0.4	61.4	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.7	0.0	0.0	0.2	0.5	61.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**1.0**	8.5	127.2	66.2	61.0	8.51	8.51	8.53	0.8	0.0	0.0	0.3	0.6	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**

GEOMETRÍA		CAPA 9																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	0.9	0.0	0.0	0.3	0.6	69.8	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	1.2	0.0	0.0	0.4	0.8	70.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	1.6	0.0	0.0	0.6	1.1	70.3	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	1.9	0.0	0.0	0.7	1.3	70.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	2.3	0.1	0.0	0.8	1.5	70.7	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.51	9.84	2.6	0.1	0.0	0.9	1.7	70.9	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	0.5	0.0	0.0	0.2	0.3	69.5	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	0.7	0.0	0.0	0.2	0.4	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	0.9	0.0	0.0	0.3	0.6	69.8	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	1.0	0.0	0.0	0.4	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	1.2	0.0	0.0	0.4	0.8	70.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.51	9.59	1.4	0.0	0.0	0.5	1.0	70.2	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	0.5	0.0	0.0	0.2	0.3	69.5	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	0.6	0.0	0.0	0.2	0.4	69.6	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	0.7	0.0	0.0	0.2	0.5	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	0.9	0.0	0.0	0.3	0.6	69.8	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.0	**1.7**	9.5	147.7	78.5	69.2	9.54	9.51	9.55	1.0	0.0	0.0	0.3	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.4	0.0	0.0	0.1	0.2	69.5	SC Menor	0.2	0.0	0.0	**0.02 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.5	0.0	0.0	0.2	0.3	69.5	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.6	0.0	0.0	0.2	0.4	69.6	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.7	0.0	0.0	0.2	0.5	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.0	**1.3**	9.5	147.7	78.5	69.2	9.52	9.51	9.53	0.8	0.0	0.0	0.3	0.5	69.7	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.2	0.0	0.0	0.1	0.2	69.4	SC Menor	0.1	0.0	0.0	**0.01 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.4	0.0	0.0	0.1	0.3	69.5	SC Menor	0.2	0.0	0.0	**0.02 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.5	0.0	0.0	0.2	0.3	69.5	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.6	0.0	0.0	0.2	0.4	69.6	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.0	**1.0**	9.5	147.7	78.5	69.2	9.51	9.51	9.53	0.7	0.0	0.0	0.2	0.4	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**

GEOMETRÍA		CAPA 10																	TOTAL
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	σ'f (Kpa)	*Caso*	ΔH_1	ΔH_2	ΔH_3	ΔH	
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	0.7	0.0	0.0	0.2	0.5	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	10.17 mm
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	1.0	0.0	0.0	0.3	0.7	76.5	SC Menor	0.5	0.1	0.0	**0.05 mm**	13.02 mm
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	1.3	0.0	0.0	0.5	0.9	76.7	SC Menor	0.7	0.1	0.0	**0.07 mm**	15.91 mm
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	1.6	0.0	0.0	0.5	1.1	76.9	SC Menor	0.8	0.1	0.0	**0.08 mm**	17.93 mm
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	1.9	0.0	0.0	0.6	1.2	77.1	SC Menor	1.0	0.1	0.0	**0.10 mm**	20.15 mm
1.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.51	10.81	2.2	0.0	0.0	0.7	1.4	77.2	SC Menor	1.1	0.1	0.0	**0.11 mm**	22.26 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	9.74 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	0.5	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	12.29 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	0.7	0.0	0.0	0.2	0.5	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	14.85 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	16.62 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	1.0	0.0	0.0	0.3	0.7	76.5	SC Menor	0.5	0.1	0.0	**0.05 mm**	18.59 mm
1.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.51	10.59	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	20.48 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	8.98 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	11.24 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.5	0.0	0.0	0.2	0.3	76.1	SC Menor	0.3	0.0	0.0	**0.03 mm**	13.54 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	15.12 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.7	0.0	0.0	0.2	0.5	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	16.91 mm
1.0	**1.7**	10.5	164.1	88.3	75.8	10.53	10.51	10.54	0.8	0.0	0.0	0.3	0.5	76.4	SC Menor	0.4	0.0	0.0	**0.04 mm**	18.62 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.2	0.0	0.0	0.1	0.1	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	8.15 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.2	0.0	0.0	**0.02 mm**	10.17 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	12.26 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.5	0.0	0.0	0.2	0.3	76.1	SC Menor	0.3	0.0	0.0	**0.03 mm**	13.70 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	15.34 mm
1.0	**1.3**	10.5	164.1	88.3	75.8	10.52	10.51	10.53	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	16.90 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	7.71 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	9.49 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.2	0.0	0.0	**0.02 mm**	11.38 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	12.70 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.5	0.0	0.0	0.2	0.3	76.1	SC Menor	0.3	0.0	0.0	**0.03 mm**	14.19 mm
1.0	**1.0**	10.5	164.1	88.3	75.8	10.51	10.51	10.52	0.5	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	15.62 mm

GEOMETRÍA DIMENSIONES					PRESIÓN		PROFUNDIDAD			ESFUERZOS		
B *(m)*	L *(m)*	*B'* (m)	*L'* (m)	Df *(m)*	Q *(KN)*	q_o *(Kpa)*	γ *(Kn/m^3)*	$H_{espesor}$ *(m)*	NAF *(m)*	σv (Kpa)	μ *(Kpa)*	$\sigma'o$ (Kpa)
1.5	**7.5**	0.75	3.75	**0.01**	421	**37.406**	16.41	1.00	1.00	0.16	0.00	0.16
1.5	**7.5**	0.75	3.75	**0.50**	558	**49.598**	16.41	1.00	1.00	8.21	0.00	8.21
1.5	**7.5**	0.75	3.75	**1.00**	711	**63.205**	16.41	1.00	1.00	16.41	0.00	16.41
1.5	**7.5**	0.75	3.75	**1.50**	877	**77.988**	16.41	1.00	1.00	24.62	4.91	19.71
1.5	**7.5**	0.75	3.75	**2.00**	1003	**89.172**	16.41	1.00	1.00	32.82	9.81	23.01
1.5	**7.5**	0.75	3.75	**2.50**	1155	**102.68**	16.41	1.00	1.00	41.03	14.72	26.31
1.5	**3.8**	0.75	1.88	**0.01**	218	**38.749**	16.41	1.00	1.00	0.16	0.00	0.16
1.5	**3.8**	0.75	1.88	**0.50**	290	**51.506**	16.41	1.00	1.00	8.21	0.00	8.21
1.5	**3.8**	0.75	1.88	**1.00**	370	**65.751**	16.41	1.00	1.00	16.41	0.00	16.41
1.5	**3.8**	0.75	1.88	**1.50**	457	**81.236**	16.41	1.00	1.00	24.62	4.91	19.71
1.5	**3.8**	0.75	1.88	**2.00**	522	**92.874**	16.41	1.00	1.00	32.82	9.81	23.01
1.5	**3.8**	0.75	1.88	**2.50**	602	**106.98**	16.41	1.00	1.00	41.03	14.72	26.31
1.5	**2.5**	0.75	1.25	**0.01**	150	**40.092**	16.41	1.00	1.00	0.16	0.00	0.16
1.5	**2.5**	0.75	1.25	**0.50**	200	**53.414**	16.41	1.00	1.00	8.21	0.00	8.21
1.5	**2.5**	0.75	1.25	**1.00**	256	**68.297**	16.41	1.00	1.00	16.41	0.00	16.41
1.5	**2.5**	0.75	1.25	**1.50**	317	**84.484**	16.41	1.00	1.00	24.62	4.91	19.71
1.5	**2.5**	0.75	1.25	**2.00**	362	**96.576**	16.41	1.00	1.00	32.82	9.81	23.01
1.5	**2.5**	0.75	1.25	**2.50**	417	**111.28**	16.41	1.00	1.00	41.03	14.72	26.31
1.5	**1.9**	0.75	0.94	**0.01**	117	**41.435**	16.41	1.00	1.00	0.16	0.00	0.16
1.5	**1.9**	0.75	0.94	**0.50**	156	**55.322**	16.41	1.00	1.00	8.21	0.00	8.21
1.5	**1.9**	0.75	0.94	**1.00**	199	**70.844**	16.41	1.00	1.00	16.41	0.00	16.41
1.5	**1.9**	0.75	0.94	**1.50**	247	**87.731**	16.41	1.00	1.00	24.62	4.91	19.71
1.5	**1.9**	0.75	0.94	**2.00**	282	**100.28**	16.41	1.00	1.00	32.82	9.81	23.01
1.5	**1.9**	0.75	0.94	**2.50**	325	**115.58**	16.41	1.00	1.00	41.03	14.72	26.31
1.5	**1.5**	0.75	0.75	**0.01**	101	**44.817**	16.41	1.00	1.00	0.16	0.00	0.16
1.5	**1.5**	0.75	0.75	**0.50**	133	**59.269**	16.41	1.00	1.00	8.21	0.00	8.21
1.5	**1.5**	0.75	0.75	**1.00**	170	**75.429**	16.41	1.00	1.00	16.41	0.00	16.41
1.5	**1.5**	0.75	0.75	**1.50**	209	**93.018**	16.41	1.00	1.00	24.62	4.91	19.71
1.5	**1.5**	0.75	0.75	**2.00**	239	**106.02**	16.41	1.00	1.00	32.82	9.81	23.01
1.5	**1.5**	0.75	0.75	**2.50**	274	**121.92**	16.41	1.00	1.00	41.03	14.72	26.31

GEOMETRÍA		ELÁ														
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	q_o (Kpa)	I_1	I_2
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	26.7	13.6	3.9	14.7	12.0	12.0	0.168	0.131
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	35.4	18.0	5.1	19.5	15.9	15.9	0.168	0.131
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	45.1	23.0	6.6	24.9	20.2	20.2	0.168	0.131
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	55.7	28.4	8.1	30.7	25.0	25.0	0.168	0.131
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	63.6	32.4	9.3	35.1	28.5	28.5	0.168	0.131
1.5	**7.5**	1.0	16.4	0.0	16.4	3.88	1.25	3.95	73.3	37.3	10.7	40.4	32.9	32.9	0.168	0.131
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	27.0	10.4	3.9	13.8	13.3	13.3	0.179	0.118
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	35.9	13.8	5.2	18.3	17.6	17.6	0.179	0.118
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	45.9	17.6	6.6	23.4	22.5	22.5	0.179	0.118
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	56.7	21.7	8.2	28.9	27.8	27.8	0.179	0.118
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	64.8	24.8	9.4	33.0	31.8	31.8	0.179	0.118
1.5	**3.8**	1.0	16.4	0.0	16.4	2.13	1.25	2.25	74.6	28.6	10.8	38.0	36.6	36.6	0.179	0.118
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	26.4	7.2	3.8	12.4	13.9	13.9	0.190	0.103
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	35.2	9.5	5.0	16.6	18.6	18.6	0.190	0.103
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	45.0	12.2	6.4	21.2	23.8	23.8	0.190	0.103
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	55.6	15.1	8.0	26.2	29.4	29.4	0.190	0.103
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	63.6	17.3	9.1	30.0	33.6	33.6	0.190	0.103
1.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.25	1.77	73.2	19.9	10.5	34.5	38.7	38.7	0.190	0.103
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	25.1	4.8	3.6	11.2	13.9	13.9	0.196	0.090
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	33.5	6.5	4.7	14.9	18.6	18.6	0.196	0.090
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	42.9	8.3	6.1	19.1	23.8	23.8	0.196	0.090
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	53.1	10.2	7.5	23.6	29.5	29.5	0.196	0.090
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	60.7	11.7	8.6	27.0	33.7	33.7	0.196	0.090
1.5	**1.9**	1.0	16.4	0.0	16.4	1.37	1.25	1.56	69.9	13.5	9.9	31.1	38.8	38.8	0.196	0.090
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	24.6	3.5	3.5	10.5	14.1	14.1	0.199	0.078
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	32.5	4.6	4.6	13.9	18.6	18.6	0.199	0.078
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	41.4	5.8	5.8	17.7	23.7	23.7	0.199	0.078
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	51.1	7.2	7.2	21.8	29.2	29.2	0.199	0.078
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	58.2	8.2	8.2	24.9	33.3	33.3	0.199	0.078
1.5	**1.5**	1.0	16.4	0.0	16.4	1.25	1.25	1.46	66.9	9.4	9.4	28.6	38.3	38.3	0.199	0.078

GEOMETRÍA STICOS																			
B *(m)*	L *(m)*	*R*	B_1	B_2	B_3	B_4	B_5	R_1	R_2	R_3	R_4	Y_1	Y_2	Y_3	Y_4	Y_5	I_f	I_S	ΔH
1.5	**7.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	7.50	1.50	7.65	7.65	4.30	4.30	0.00	0.00	0.03	0.999	0.243	**2.49 mm**
1.5	**7.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	7.57	1.80	7.71	7.65	4.30	4.06	0.52	0.06	0.97	0.916	0.243	**3.03 mm**
1.5	**7.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	7.76	2.50	7.91	7.65	4.30	3.61	0.84	0.13	1.24	0.838	0.243	**3.54 mm**
1.5	**7.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	8.08	3.35	8.22	7.65	4.30	3.20	0.97	0.17	1.28	0.780	0.243	**4.06 mm**
1.5	**7.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	8.50	4.27	8.63	7.65	4.30	2.87	1.02	0.20	1.26	0.737	0.243	**4.38 mm**
1.5	**7.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	9.01	5.22	9.14	7.65	4.30	2.58	1.03	0.21	1.21	0.703	0.243	**4.81 mm**
1.5	**3.8**	0.0	1.8	2.12	-0.48	-0.52	-0.64	3.75	1.50	4.04	4.04	3.35	3.35	0.00	0.00	0.03	0.998	0.247	**2.81 mm**
1.5	**3.8**	1.0	1.8	2.12	-0.48	-0.52	-0.64	3.88	1.80	4.16	4.04	3.35	3.12	0.59	0.09	0.93	0.891	0.247	**3.33 mm**
1.5	**3.8**	2.0	1.8	2.12	-0.48	-0.52	-0.64	4.25	2.50	4.51	4.04	3.35	2.67	0.88	0.17	1.12	0.796	0.247	**3.80 mm**
1.5	**3.8**	3.0	1.8	2.12	-0.48	-0.52	-0.64	4.80	3.35	5.03	4.04	3.35	2.25	0.93	0.20	1.07	0.728	0.247	**4.29 mm**
1.5	**3.8**	4.0	1.8	2.12	-0.48	-0.52	-0.64	5.48	4.27	5.68	4.04	3.35	1.91	0.88	0.20	0.97	0.680	0.247	**4.58 mm**
1.5	**3.8**	5.0	1.8	2.12	-0.48	-0.52	-0.64	6.25	5.22	6.43	4.04	3.35	1.65	0.81	0.19	0.87	0.646	0.247	**5.01 mm**
1.5	**2.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	2.50	1.50	2.92	2.92	2.83	2.83	0.00	0.00	0.03	0.998	0.249	**2.97 mm**
1.5	**2.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.69	1.80	3.08	2.92	2.83	2.59	0.61	0.11	0.88	0.871	0.249	**3.46 mm**
1.5	**2.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	3.20	2.50	3.54	2.92	2.83	2.12	0.83	0.18	0.98	0.764	0.249	**3.88 mm**
1.5	**2.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.91	3.35	4.18	2.92	2.83	1.71	0.80	0.18	0.87	0.693	0.249	**4.35 mm**
1.5	**2.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.72	4.27	4.95	2.92	2.83	1.41	0.71	0.17	0.75	0.646	0.249	**4.64 mm**
1.5	**2.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.59	5.22	5.79	2.92	2.83	1.18	0.62	0.15	0.64	0.614	0.249	**5.08 mm**
1.5	**1.9**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.88	1.50	2.40	2.40	2.49	2.49	0.00	0.00	0.03	0.998	0.248	**2.95 mm**
1.5	**1.9**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.13	1.80	2.60	2.40	2.49	2.22	0.60	0.12	0.82	0.853	0.248	**3.37 mm**
1.5	**1.9**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.74	2.50	3.13	2.40	2.49	1.75	0.75	0.17	0.85	0.739	0.248	**3.74 mm**
1.5	**1.9**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.54	3.35	3.84	2.40	2.49	1.37	0.67	0.16	0.72	0.668	0.248	**4.19 mm**
1.5	**1.9**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.42	4.27	4.67	2.40	2.49	1.10	0.57	0.14	0.60	0.624	0.248	**4.47 mm**
1.5	**1.9**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.34	5.22	5.55	2.40	2.49	0.91	0.49	0.12	0.51	0.594	0.248	**4.91 mm**
1.5	**1.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.50	1.50	2.12	2.12	2.23	2.23	0.00	0.00	0.03	0.998	0.244	**2.94 mm**
1.5	**1.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.80	1.80	2.35	2.12	2.23	1.95	0.58	0.12	0.76	0.837	0.244	**3.27 mm**
1.5	**1.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.50	2.50	2.92	2.12	2.23	1.48	0.66	0.15	0.74	0.719	0.244	**3.57 mm**
1.5	**1.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.35	3.35	3.67	2.12	2.23	1.13	0.57	0.14	0.60	0.650	0.244	**3.98 mm**
1.5	**1.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.27	4.27	4.53	2.12	2.23	0.90	0.48	0.12	0.49	0.608	0.244	**4.25 mm**
1.5	**1.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.22	5.22	5.43	2.12	2.23	0.74	0.40	0.10	0.41	0.581	0.244	**4.66 mm**

GEOMETRÍA						CAPA 1													
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	26.7	13.6	3.9	14.7	12.0	20.2	SC Menor	54.8	5.5	0.0	**5.48 mm**
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	35.4	18.0	5.1	19.5	15.9	24.1	SC Menor	65.6	6.6	0.0	**6.56 mm**
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	45.1	23.0	6.6	24.9	20.2	28.4	SC Menor	75.7	7.6	0.0	**7.57 mm**
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	55.7	28.4	8.1	30.7	25.0	33.2	SC Menor	85.1	8.5	0.0	**8.51 mm**
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	63.6	32.4	9.3	35.1	28.5	36.7	SC Menor	91.3	9.1	0.0	**9.13 mm**
1.5	**7.5**	1.0	8.2	0.0	8.2	3.88	1.25	3.95	73.3	37.3	10.7	40.4	32.9	41.1	SC Menor	98.1	9.8	0.0	**9.81 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	27.0	10.4	3.9	13.8	13.3	21.5	SC Menor	58.6	5.9	0.0	**5.86 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	35.9	13.8	5.2	18.3	17.6	25.8	SC Menor	69.9	7.0	0.0	**6.99 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	45.9	17.6	6.6	23.4	22.5	30.7	SC Menor	80.4	8.0	0.0	**8.04 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	56.7	21.7	8.2	28.9	27.8	36.0	SC Menor	90.1	9.0	0.0	**9.01 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	64.8	24.8	9.4	33.0	31.8	40.0	SC Menor	96.5	9.6	0.0	**9.65 mm**
1.5	**3.8**	1.0	8.2	0.0	8.2	2.13	1.25	2.25	74.6	28.6	10.8	38.0	36.6	44.8	SC Menor	103.4	10.3	0.0	**10.34 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	26.4	7.2	3.8	12.4	13.9	22.2	SC Menor	60.5	6.1	0.0	**6.05 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	35.2	9.5	5.0	16.6	18.6	26.8	SC Menor	72.1	7.2	0.0	**7.21 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	45.0	12.2	6.4	21.2	23.8	32.0	SC Menor	82.8	8.3	0.0	**8.28 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	55.6	15.1	8.0	26.2	29.4	37.6	SC Menor	92.7	9.3	0.0	**9.27 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	63.6	17.3	9.1	30.0	33.6	41.8	SC Menor	99.2	9.9	0.0	**9.92 mm**
1.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.25	1.77	73.2	19.9	10.5	34.5	38.7	46.9	SC Menor	106.2	10.6	0.0	**10.62 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	25.1	4.8	3.6	11.2	13.9	22.1	SC Menor	60.4	6.0	0.0	**6.04 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	33.5	6.5	4.7	14.9	18.6	26.8	SC Menor	72.1	7.2	0.0	**7.21 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	42.9	8.3	6.1	19.1	23.8	32.0	SC Menor	82.9	8.3	0.0	**8.29 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	53.1	10.2	7.5	23.6	29.5	37.7	SC Menor	92.9	9.3	0.0	**9.29 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	60.7	11.7	8.6	27.0	33.7	41.9	SC Menor	99.3	9.9	0.0	**9.93 mm**
1.5	**1.9**	1.0	8.2	0.0	8.2	1.37	1.25	1.56	69.9	13.5	9.9	31.1	38.8	47.0	SC Menor	106.4	10.6	0.0	**10.64 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	24.6	3.5	3.5	10.5	14.1	22.3	SC Menor	60.9	6.1	0.0	**6.09 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	32.5	4.6	4.6	13.9	18.6	26.8	SC Menor	72.2	7.2	0.0	**7.22 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	41.4	5.8	5.8	17.7	23.7	31.9	SC Menor	82.8	8.3	0.0	**8.28 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	51.1	7.2	7.2	21.8	29.2	37.5	SC Menor	92.5	9.3	0.0	**9.25 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	58.2	8.2	8.2	24.9	33.3	41.5	SC Menor	98.8	9.9	0.0	**9.88 mm**
1.5	**1.5**	1.0	8.2	0.0	8.2	1.25	1.25	1.46	66.9	9.4	9.4	28.6	38.3	46.5	SC Menor	105.7	10.6	0.0	**10.57 mm**

GEOMETRÍA		CAPA 2																		
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	16.0	5.8	0.7	7.5	8.5	28.2	SC Menor	21.9 mm	2.2 mm	0.0 mm	**2.19 mm**
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	21.2	7.7	0.9	9.9	11.3	31.0	SC Menor	27.6 mm	2.8 mm	0.0 mm	**2.76 mm**
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	27.1	9.8	1.2	12.7	14.4	34.1	SC Menor	33.4 mm	3.3 mm	0.0 mm	**3.34 mm**
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	33.4	12.1	1.5	15.6	17.8	37.5	SC Menor	39.1 mm	3.9 mm	0.0 mm	**3.91 mm**
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	38.2	13.8	1.7	17.9	20.3	40.0	SC Menor	43.2 mm	4.3 mm	0.0 mm	**4.32 mm**
1.5	**7.5**	2.0	24.6	4.9	19.7	4.25	2.14	4.32	44.0	15.9	1.9	20.6	23.4	43.1	SC Menor	47.7 mm	4.8 mm	0.0 mm	**4.77 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	14.6	2.7	0.6	6.0	8.6	28.3	SC Menor	22.1 mm	2.2 mm	0.0 mm	**2.21 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	19.4	3.6	0.8	8.0	11.4	31.1	SC Menor	27.9 mm	2.8 mm	0.0 mm	**2.79 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	24.7	4.6	1.1	10.2	14.6	34.3	SC Menor	33.8 mm	3.4 mm	0.0 mm	**3.38 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	30.6	5.7	1.3	12.5	18.0	37.7	SC Menor	39.6 mm	4.0 mm	0.0 mm	**3.96 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	34.9	6.6	1.5	14.3	20.6	40.3	SC Menor	43.6 mm	4.4 mm	0.0 mm	**4.36 mm**
1.5	**3.8**	2.0	24.6	4.9	19.7	2.74	2.14	2.84	40.3	7.5	1.7	16.5	23.7	43.4	SC Menor	48.2 mm	4.8 mm	0.0 mm	**4.82 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	12.5	1.3	0.5	4.8	7.7	27.4	SC Menor	20.1 mm	2.0 mm	0.0 mm	**2.01 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	16.6	1.7	0.7	6.4	10.3	30.0	SC Menor	25.6 mm	2.6 mm	0.0 mm	**2.56 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	21.3	2.2	0.9	8.1	13.1	32.9	SC Menor	31.1 mm	3.1 mm	0.0 mm	**3.11 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	26.3	2.7	1.1	10.1	16.3	36.0	SC Menor	36.6 mm	3.7 mm	0.0 mm	**3.66 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	30.1	3.1	1.3	11.5	18.6	38.3	SC Menor	40.5 mm	4.0 mm	0.0 mm	**4.05 mm**
1.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.14	2.47	34.7	3.6	1.5	13.3	21.4	41.1	SC Menor	44.8 mm	4.5 mm	0.0 mm	**4.48 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	10.7	0.7	0.5	3.9	6.7	26.5	SC Menor	17.9 mm	1.8 mm	0.0 mm	**1.79 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	14.3	0.9	0.6	5.3	9.0	28.7	SC Menor	22.9 mm	2.3 mm	0.0 mm	**2.29 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	18.3	1.2	0.8	6.7	11.5	31.2	SC Menor	28.1 mm	2.8 mm	0.0 mm	**2.81 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	22.6	1.5	1.0	8.4	14.3	34.0	SC Menor	33.2 mm	3.3 mm	0.0 mm	**3.32 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	25.9	1.7	1.1	9.5	16.3	36.0	SC Menor	36.8 mm	3.7 mm	0.0 mm	**3.68 mm**
1.5	**1.9**	2.0	24.6	4.9	19.7	2.21	2.14	2.33	29.8	1.9	1.3	11.0	18.8	38.5	SC Menor	40.8 mm	4.1 mm	0.0 mm	**4.08 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	9.7	0.4	0.4	3.5	6.2	25.9	SC Menor	16.7 mm	1.7 mm	0.0 mm	**1.67 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	12.9	0.6	0.6	4.7	8.2	27.9	SC Menor	21.2 mm	2.1 mm	0.0 mm	**2.12 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	16.4	0.7	0.7	5.9	10.5	30.2	SC Menor	25.9 mm	2.6 mm	0.0 mm	**2.59 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	20.2	0.9	0.9	7.3	12.9	32.6	SC Menor	30.7 mm	3.1 mm	0.0 mm	**3.07 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	23.0	1.0	1.0	8.3	14.7	34.4	SC Menor	34.0 mm	3.4 mm	0.0 mm	**3.40 mm**
1.5	**1.5**	2.0	24.6	4.9	19.7	2.14	2.14	2.26	26.5	1.1	1.1	9.6	16.9	36.6	SC Menor	37.7 mm	3.8 mm	0.0 mm	**3.77 mm**

GEOMETRÍA		CAPA 3																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	10.7	2.7	0.2	4.5	6.1	32.4	SC Menor	12.7 mm	1.3 mm	0.0 mm	**1.27 mm**
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	14.1	3.6	0.3	6.0	8.1	34.4	SC Menor	16.4 mm	1.6 mm	0.0 mm	**1.64 mm**
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	18.0	4.6	0.4	7.7	10.3	36.6	SC Menor	20.2 mm	2.0 mm	0.0 mm	**2.02 mm**
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	22.2	5.7	0.4	9.5	12.7	39.1	SC Menor	24.1 mm	2.4 mm	0.0 mm	**2.41 mm**
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	25.4	6.5	0.5	10.8	14.6	40.9	SC Menor	26.9 mm	2.7 mm	0.0 mm	**2.69 mm**
1.5	**7.5**	3.0	41.0	14.7	26.3	4.80	3.09	4.86	29.2	7.5	0.6	12.5	16.8	43.1	SC Menor	30.1 mm	3.0 mm	0.0 mm	**3.01 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	8.5	0.9	0.2	3.2	5.3	31.6	SC Menor	11.2 mm	1.1 mm	0.0 mm	**1.12 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	11.3	1.2	0.2	4.2	7.1	33.4	SC Menor	14.5 mm	1.4 mm	0.0 mm	**1.45 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	14.4	1.5	0.3	5.4	9.0	35.3	SC Menor	17.9 mm	1.8 mm	0.0 mm	**1.79 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	17.8	1.8	0.4	6.7	11.1	37.4	SC Menor	21.5 mm	2.1 mm	0.0 mm	**2.15 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	20.3	2.1	0.4	7.6	12.7	39.0	SC Menor	24.0 mm	2.4 mm	0.0 mm	**2.40 mm**
1.5	**3.8**	3.0	41.0	14.7	26.3	3.54	3.09	3.62	23.4	2.4	0.5	8.8	14.7	41.0	SC Menor	27.0 mm	2.7 mm	0.0 mm	**2.70 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	6.7	0.3	0.1	2.4	4.3	30.6	SC Menor	9.2 mm	0.9 mm	0.0 mm	**0.92 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	8.9	0.5	0.2	3.2	5.7	32.0	SC Menor	12.0 mm	1.2 mm	0.0 mm	**1.20 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	11.4	0.6	0.2	4.1	7.3	33.6	SC Menor	14.9 mm	1.5 mm	0.0 mm	**1.49 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	14.1	0.7	0.3	5.0	9.0	35.3	SC Menor	18.0 mm	1.8 mm	0.0 mm	**1.80 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	16.1	0.8	0.3	5.7	10.3	36.6	SC Menor	20.2 mm	2.0 mm	0.0 mm	**2.02 mm**
1.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.09	3.34	18.5	1.0	0.4	6.6	11.9	38.2	SC Menor	22.7 mm	2.3 mm	0.0 mm	**2.27 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	5.5	0.2	0.1	1.9	3.5	29.9	SC Menor	7.7 mm	0.8 mm	0.0 mm	**0.77 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	7.3	0.2	0.1	2.6	4.7	31.0	SC Menor	10.1 mm	1.0 mm	0.0 mm	**1.01 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	9.3	0.3	0.2	3.3	6.1	32.4	SC Menor	12.6 mm	1.3 mm	0.0 mm	**1.26 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	11.5	0.4	0.2	4.0	7.5	33.8	SC Menor	15.3 mm	1.5 mm	0.0 mm	**1.53 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	13.2	0.4	0.3	4.6	8.6	34.9	SC Menor	17.2 mm	1.7 mm	0.0 mm	**1.72 mm**
1.5	**1.9**	3.0	41.0	14.7	26.3	3.14	3.09	3.23	15.2	0.5	0.3	5.3	9.9	36.2	SC Menor	19.4 mm	1.9 mm	0.0 mm	**1.94 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	4.8	0.1	0.1	1.7	3.2	29.5	SC Menor	6.9 mm	0.7 mm	0.0 mm	**0.69 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	6.4	0.1	0.1	2.2	4.2	30.5	SC Menor	9.0 mm	0.9 mm	0.0 mm	**0.90 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	8.2	0.2	0.2	2.8	5.3	31.6	SC Menor	11.2 mm	1.1 mm	0.0 mm	**1.12 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	10.1	0.2	0.2	3.5	6.6	32.9	SC Menor	13.6 mm	1.4 mm	0.0 mm	**1.36 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	11.5	0.2	0.2	4.0	7.5	33.8	SC Menor	15.3 mm	1.5 mm	0.0 mm	**1.53 mm**
1.5	**1.5**	3.0	41.0	14.7	26.3	3.09	3.09	3.18	13.2	0.3	0.3	4.6	8.6	34.9	SC Menor	17.2 mm	1.7 mm	0.0 mm	**1.72 mm**

GEOMETRÍA		CAPA 4																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	7.5	1.4	0.1	3.0	4.5	37.4	SC Menor	7.9	0.8	0.0	**0.79 mm**
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	10.0	1.9	0.1	4.0	6.0	38.9	SC Menor	10.2	1.0	0.0	**1.02 mm**
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	12.7	2.4	0.1	5.1	7.7	40.6	SC Menor	12.7	1.3	0.0	**1.27 mm**
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	15.7	2.9	0.2	6.3	9.5	42.4	SC Menor	15.4	1.5	0.0	**1.54 mm**
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	18.0	3.3	0.2	7.2	10.8	43.7	SC Menor	17.3	1.7	0.0	**1.73 mm**
1.5	**7.5**	4.0	57.4	24.5	32.9	5.48	4.07	5.53	20.7	3.8	0.2	8.3	12.4	45.4	SC Menor	19.5	2.0	0.0	**1.95 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	5.4	0.3	0.1	1.9	3.5	36.4	SC Menor	6.1	0.6	0.0	**0.61 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	7.2	0.5	0.1	2.6	4.6	37.5	SC Menor	8.0	0.8	0.0	**0.80 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	9.1	0.6	0.1	3.3	5.9	38.8	SC Menor	10.0	1.0	0.0	**1.00 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	11.3	0.7	0.1	4.0	7.2	40.2	SC Menor	12.1	1.2	0.0	**1.21 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	12.9	0.8	0.1	4.6	8.3	41.2	SC Menor	13.7	1.4	0.0	**1.37 mm**
1.5	**3.8**	4.0	57.4	24.5	32.9	4.42	4.07	4.48	14.9	1.0	0.2	5.3	9.5	42.5	SC Menor	15.5	1.6	0.0	**1.55 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	4.0	0.1	0.0	1.4	2.6	35.5	SC Menor	4.7	0.5	0.0	**0.47 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	5.4	0.2	0.1	1.9	3.5	36.4	SC Menor	6.2	0.6	0.0	**0.62 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	6.9	0.2	0.1	2.4	4.5	37.4	SC Menor	7.8	0.8	0.0	**0.78 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	8.5	0.3	0.1	3.0	5.6	38.5	SC Menor	9.5	1.0	0.0	**0.95 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	9.7	0.3	0.1	3.4	6.4	39.3	SC Menor	10.8	1.1	0.0	**1.08 mm**
1.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.07	4.26	11.2	0.3	0.1	3.9	7.3	40.2	SC Menor	12.2	1.2	0.0	**1.22 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	3.2	0.1	0.0	1.1	2.1	35.0	SC Menor	3.8	0.4	0.0	**0.38 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	4.3	0.1	0.0	1.5	2.8	35.7	SC Menor	5.0	0.5	0.0	**0.50 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	5.5	0.1	0.1	1.9	3.6	36.5	SC Menor	6.4	0.6	0.0	**0.64 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	6.8	0.1	0.1	2.3	4.5	37.4	SC Menor	7.8	0.8	0.0	**0.78 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	7.8	0.1	0.1	2.7	5.1	38.1	SC Menor	8.8	0.9	0.0	**0.88 mm**
1.5	**1.9**	4.0	57.4	24.5	32.9	4.11	4.07	4.18	9.0	0.2	0.1	3.1	5.9	38.8	SC Menor	10.1	1.0	0.0	**1.01 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	2.8	0.0	0.0	1.0	1.9	34.8	SC Menor	3.4	0.3	0.0	**0.34 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	3.8	0.0	0.0	1.3	2.5	35.4	SC Menor	4.4	0.4	0.0	**0.44 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	4.8	0.1	0.1	1.6	3.2	36.1	SC Menor	5.6	0.6	0.0	**0.56 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	5.9	0.1	0.1	2.0	3.9	36.8	SC Menor	6.8	0.7	0.0	**0.68 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	6.7	0.1	0.1	2.3	4.4	37.3	SC Menor	7.7	0.8	0.0	**0.77 mm**
1.5	**1.5**	4.0	57.4	24.5	32.9	4.07	4.07	4.14	7.7	0.1	0.1	2.6	5.1	38.0	SC Menor	8.8	0.9	0.0	**0.88 mm**

GEOMETRÍA		CAPA 5																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	5.6	0.8	0.0	2.1	3.4	43.0	SC Menor	5.1	0.5	0.0	**0.51 mm**
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	7.4	1.0	0.1	2.8	4.6	44.1	SC Menor	6.7	0.7	0.0	**0.67 mm**
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	9.4	1.3	0.1	3.6	5.8	45.3	SC Menor	8.4	0.8	0.0	**0.84 mm**
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	11.6	1.6	0.1	4.4	7.2	46.7	SC Menor	10.2	1.0	0.0	**1.02 mm**
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	13.3	1.8	0.1	5.1	8.2	47.7	SC Menor	11.5	1.1	0.0	**1.15 mm**
1.5	**7.5**	5.0	73.8	34.3	39.5	6.25	5.06	6.29	15.3	2.1	0.1	5.8	9.5	49.0	SC Menor	13.1	1.3	0.0	**1.31 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	3.7	0.2	0.0	1.3	2.4	41.9	SC Menor	3.6	0.4	0.0	**0.36 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	4.9	0.2	0.0	1.7	3.2	42.7	SC Menor	4.7	0.5	0.0	**0.47 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	6.2	0.3	0.0	2.2	4.0	43.6	SC Menor	5.9	0.6	0.0	**0.59 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	7.7	0.3	0.1	2.7	5.0	44.5	SC Menor	7.3	0.7	0.0	**0.73 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	8.8	0.4	0.1	3.1	5.7	45.2	SC Menor	8.2	0.8	0.0	**0.82 mm**
1.5	**3.8**	5.0	73.8	34.3	39.5	5.34	5.06	5.39	10.1	0.4	0.1	3.5	6.6	46.1	SC Menor	9.4	0.9	0.0	**0.94 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	2.7	0.1	0.0	0.9	1.8	41.3	SC Menor	2.7	0.3	0.0	**0.27 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	3.6	0.1	0.0	1.2	2.3	41.9	SC Menor	3.5	0.4	0.0	**0.35 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	4.6	0.1	0.0	1.6	3.0	42.5	SC Menor	4.5	0.4	0.0	**0.45 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	5.7	0.1	0.0	1.9	3.7	43.2	SC Menor	5.5	0.5	0.0	**0.55 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	6.5	0.1	0.0	2.2	4.2	43.8	SC Menor	6.2	0.6	0.0	**0.62 mm**
1.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.06	5.21	7.4	0.1	0.1	2.5	4.9	44.4	SC Menor	7.1	0.7	0.0	**0.71 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	2.1	0.0	0.0	0.7	1.4	40.9	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	2.8	0.0	0.0	1.0	1.9	41.4	SC Menor	2.8	0.3	0.0	**0.28 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	3.6	0.0	0.0	1.2	2.4	41.9	SC Menor	3.6	0.4	0.0	**0.36 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	4.5	0.1	0.0	1.5	3.0	42.5	SC Menor	4.4	0.4	0.0	**0.44 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	5.1	0.1	0.0	1.7	3.4	42.9	SC Menor	5.0	0.5	0.0	**0.50 mm**
1.5	**1.9**	5.0	73.8	34.3	39.5	5.09	5.06	5.14	5.9	0.1	0.0	2.0	3.9	43.4	SC Menor	5.8	0.6	0.0	**0.58 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	1.9	0.0	0.0	0.6	1.2	40.7	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	2.5	0.0	0.0	0.8	1.6	41.1	SC Menor	2.5	0.2	0.0	**0.25 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	3.1	0.0	0.0	1.1	2.1	41.6	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	3.9	0.0	0.0	1.3	2.5	42.1	SC Menor	3.8	0.4	0.0	**0.38 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	4.4	0.0	0.0	1.5	2.9	42.4	SC Menor	4.3	0.4	0.0	**0.43 mm**
1.5	**1.5**	5.0	73.8	34.3	39.5	5.06	5.06	5.11	5.0	0.0	0.0	1.7	3.3	42.9	SC Menor	4.9	0.5	0.0	**0.49 mm**

GEOMETRÍA		CAPA 6																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	4.2	0.4	0.0	1.6	2.7	48.8	SC Menor	3.4	0.3	0.0	**0.34 mm**
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	5.6	0.6	0.0	2.1	3.5	49.7	SC Menor	4.5	0.5	0.0	**0.45 mm**
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	7.2	0.7	0.0	2.6	4.5	50.6	SC Menor	5.7	0.6	0.0	**0.57 mm**
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	8.8	0.9	0.0	3.3	5.6	51.7	SC Menor	7.0	0.7	0.0	**0.70 mm**
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	10.1	1.0	0.1	3.7	6.4	52.5	SC Menor	7.9	0.8	0.0	**0.79 mm**
1.5	**7.5**	6.0	90.3	44.1	46.1	7.08	6.05	7.12	11.6	1.2	0.1	4.3	7.3	53.4	SC Menor	9.0	0.9	0.0	**0.90 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	2.6	0.1	0.0	0.9	1.7	47.8	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	3.5	0.1	0.0	1.2	2.3	48.4	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	4.5	0.1	0.0	1.5	2.9	49.0	SC Menor	3.8	0.4	0.0	**0.38 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	5.5	0.2	0.0	1.9	3.6	49.7	SC Menor	4.6	0.5	0.0	**0.46 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	6.3	0.2	0.0	2.2	4.1	50.3	SC Menor	5.2	0.5	0.0	**0.52 mm**
1.5	**3.8**	6.0	90.3	44.1	46.1	6.29	6.05	6.33	7.3	0.2	0.0	2.5	4.8	50.9	SC Menor	6.0	0.6	0.0	**0.60 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	1.9	0.0	0.0	0.6	1.3	47.4	SC Menor	1.6	0.2	0.0	**0.16 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	2.5	0.0	0.0	0.9	1.7	47.8	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	3.2	0.0	0.0	1.1	2.1	48.2	SC Menor	2.8	0.3	0.0	**0.28 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	4.0	0.1	0.0	1.4	2.6	48.8	SC Menor	3.4	0.3	0.0	**0.34 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	4.6	0.1	0.0	1.6	3.0	49.1	SC Menor	3.9	0.4	0.0	**0.39 mm**
1.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.05	6.17	5.3	0.1	0.0	1.8	3.5	49.6	SC Menor	4.4	0.4	0.0	**0.44 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	1.5	0.0	0.0	0.5	1.0	47.1	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	2.0	0.0	0.0	0.7	1.3	47.4	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	2.6	0.0	0.0	0.9	1.7	47.8	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	3.2	0.0	0.0	1.1	2.1	48.2	SC Menor	2.7	0.3	0.0	**0.27 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	3.6	0.0	0.0	1.2	2.4	48.5	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.5	**1.9**	6.0	90.3	44.1	46.1	6.07	6.05	6.12	4.2	0.0	0.0	1.4	2.8	48.9	SC Menor	3.5	0.4	0.0	**0.35 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	1.3	0.0	0.0	0.4	0.9	47.0	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	1.7	0.0	0.0	0.6	1.1	47.3	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	2.2	0.0	0.0	0.7	1.5	47.6	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	2.7	0.0	0.0	0.9	1.8	47.9	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	3.1	0.0	0.0	1.0	2.0	48.2	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.5	**1.5**	6.0	90.3	44.1	46.1	6.05	6.05	6.09	3.5	0.0	0.0	1.2	2.4	48.5	SC Menor	3.0	0.3	0.0	**0.30 mm**

GEOMETRÍA		CAPA 7																		
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	3.3	0.3	0.0	1.2	2.1	54.8	SC Menor	2.4	0.2	0.0	**0.24 mm**
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	4.4	0.4	0.0	1.6	2.8	55.5	SC Menor	3.2	0.3	0.0	**0.32 mm**
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	5.6	0.5	0.0	2.0	3.6	56.3	SC Menor	4.0	0.4	0.0	**0.40 mm**
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	6.9	0.6	0.0	2.5	4.4	57.1	SC Menor	4.9	0.5	0.0	**0.49 mm**
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	7.9	0.6	0.0	2.9	5.0	57.8	SC Menor	5.6	0.6	0.0	**0.56 mm**
1.5	**7.5**	7.0	106.7	54.0	52.7	7.94	7.04	7.98	9.1	0.7	0.0	3.3	5.8	58.5	SC Menor	6.4	0.6	0.0	**0.64 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	2.0	0.0	0.0	0.7	1.3	54.0	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	2.6	0.1	0.0	0.9	1.7	54.4	SC Menor	2.0	0.2	0.0	**0.20 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	3.4	0.1	0.0	1.2	2.2	54.9	SC Menor	2.5	0.3	0.0	**0.25 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	4.2	0.1	0.0	1.4	2.7	55.5	SC Menor	3.1	0.3	0.0	**0.31 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	4.8	0.1	0.0	1.6	3.1	55.8	SC Menor	3.5	0.4	0.0	**0.35 mm**
1.5	**3.8**	7.0	106.7	54.0	52.7	7.25	7.04	7.29	5.5	0.1	0.0	1.9	3.6	56.3	SC Menor	4.0	0.4	0.0	**0.40 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	1.4	0.0	0.0	0.5	0.9	53.6	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	1.9	0.0	0.0	0.6	1.2	54.0	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	2.4	0.0	0.0	0.8	1.6	54.3	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	3.0	0.0	0.0	1.0	2.0	54.7	SC Menor	2.2	0.2	0.0	**0.22 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	3.4	0.0	0.0	1.2	2.3	55.0	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.04	7.15	3.9	0.0	0.0	1.3	2.6	55.3	SC Menor	2.9	0.3	0.0	**0.29 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	1.1	0.0	0.0	0.4	0.7	53.4	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	1.5	0.0	0.0	0.5	1.0	53.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	1.9	0.0	0.0	0.6	1.3	54.0	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	2.3	0.0	0.0	0.8	1.6	54.3	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	2.7	0.0	0.0	0.9	1.8	54.5	SC Menor	2.0	0.2	0.0	**0.20 mm**
1.5	**1.9**	7.0	106.7	54.0	52.7	7.06	7.04	7.10	3.1	0.0	0.0	1.0	2.1	54.8	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	1.0	0.0	0.0	0.3	0.6	53.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	1.3	0.0	0.0	0.4	0.8	53.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	1.6	0.0	0.0	0.5	1.1	53.8	SC Menor	1.2	0.1	0.0	**0.12 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	2.0	0.0	0.0	0.7	1.3	54.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	2.3	0.0	0.0	0.8	1.5	54.2	SC Menor	1.7	0.2	0.0	**0.17 mm**
1.5	**1.5**	7.0	106.7	54.0	52.7	7.04	7.04	7.08	2.6	0.0	0.0	0.9	1.7	54.5	SC Menor	2.0	0.2	0.0	**0.20 mm**

GEOMETRÍA		CAPA 8																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	2.4	0.1	0.0	0.8	1.5	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	3.2	0.2	0.0	1.1	2.1	63.0	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	4.0	0.2	0.0	1.4	2.6	63.6	SC Menor	3.8	0.4	0.0	**0.38 mm**
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	5.0	0.3	0.0	1.8	3.2	64.2	SC Menor	4.7	0.5	0.0	**0.47 mm**
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	5.7	0.3	0.0	2.0	3.7	64.6	SC Menor	5.4	0.5	0.0	**0.54 mm**
1.5	**7.5**	8.5	127.2	66.2	61.0	9.29	8.53	9.32	6.6	0.4	0.0	2.3	4.2	65.2	SC Menor	6.2	0.6	0.0	**0.62 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	1.4	0.0	0.0	0.5	0.9	61.9	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	1.8	0.0	0.0	0.6	1.2	62.2	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	2.3	0.0	0.0	0.8	1.5	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	2.9	0.0	0.0	1.0	1.9	62.9	SC Menor	2.8	0.3	0.0	**0.28 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	3.3	0.1	0.0	1.1	2.2	63.1	SC Menor	3.2	0.3	0.0	**0.32 mm**
1.5	**3.8**	8.5	127.2	66.2	61.0	8.70	8.53	8.74	3.8	0.1	0.0	1.3	2.5	63.5	SC Menor	3.7	0.4	0.0	**0.37 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	1.0	0.0	0.0	0.3	0.6	61.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	1.3	0.0	0.0	0.4	0.9	61.8	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	1.7	0.0	0.0	0.6	1.1	62.1	SC Menor	1.6	0.2	0.0	**0.16 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	2.0	0.0	0.0	0.7	1.4	62.3	SC Menor	2.0	0.2	0.0	**0.20 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	2.3	0.0	0.0	0.8	1.5	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.53	8.62	2.7	0.0	0.0	0.9	1.8	62.7	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	0.8	0.0	0.0	0.3	0.5	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	1.0	0.0	0.0	0.3	0.7	61.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	1.3	0.0	0.0	0.4	0.9	61.8	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	1.6	0.0	0.0	0.5	1.1	62.0	SC Menor	1.6	0.2	0.0	**0.16 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	1.8	0.0	0.0	0.6	1.2	62.2	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.5	**1.9**	8.5	127.2	66.2	61.0	8.55	8.53	8.58	2.1	0.0	0.0	0.7	1.4	62.4	SC Menor	2.1	0.2	0.0	**0.21 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	0.7	0.0	0.0	0.2	0.4	61.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	0.9	0.0	0.0	0.3	0.6	61.5	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	1.1	0.0	0.0	0.4	0.7	61.7	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	1.4	0.0	0.0	0.5	0.9	61.9	SC Menor	1.4	0.1	0.0	**0.14 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	1.6	0.0	0.0	0.5	1.0	62.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.5	**1.5**	8.5	127.2	66.2	61.0	8.53	8.53	8.57	1.8	0.0	0.0	0.6	1.2	62.1	SC Menor	1.8	0.2	0.0	**0.18 mm**

GEOMETRÍA		CAPA 9																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	2.0	0.1	0.0	0.7	1.3	70.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	2.6	0.1	0.0	0.9	1.7	70.9	SC Menor	1.5	0.1	0.0	**0.15 mm**
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	3.3	0.2	0.0	1.2	2.2	71.4	SC Menor	1.9	0.2	0.0	**0.19 mm**
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	4.1	0.2	0.0	1.4	2.7	71.9	SC Menor	2.3	0.2	0.0	**0.23 mm**
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	4.7	0.2	0.0	1.6	3.1	72.3	SC Menor	2.6	0.3	0.0	**0.26 mm**
1.5	**7.5**	9.5	147.7	78.5	69.2	10.21	9.53	10.24	5.4	0.3	0.0	1.9	3.5	72.7	SC Menor	3.0	0.3	0.0	**0.30 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	1.1	0.0	0.0	0.4	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	1.5	0.0	0.0	0.5	1.0	70.2	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	1.9	0.0	0.0	0.6	1.2	70.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	2.3	0.0	0.0	0.8	1.5	70.8	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	2.7	0.0	0.0	0.9	1.8	71.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
1.5	**3.8**	9.5	147.7	78.5	69.2	9.68	9.53	9.71	3.1	0.0	0.0	1.0	2.0	71.2	SC Menor	1.8	0.2	0.0	**0.18 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	0.8	0.0	0.0	0.3	0.5	69.7	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	1.0	0.0	0.0	0.3	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	1.3	0.0	0.0	0.4	0.9	70.1	SC Menor	0.8	0.1	0.0	**0.08 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	1.6	0.0	0.0	0.6	1.1	70.3	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	1.9	0.0	0.0	0.6	1.2	70.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
1.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.53	9.61	2.2	0.0	0.0	0.7	1.4	70.6	SC Menor	1.3	0.1	0.0	**0.13 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	0.6	0.0	0.0	0.2	0.4	69.6	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	0.8	0.0	0.0	0.3	0.5	69.8	SC Menor	0.5	0.0	0.0	**0.05 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	1.0	0.0	0.0	0.3	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	1.3	0.0	0.0	0.4	0.9	70.1	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	1.5	0.0	0.0	0.5	1.0	70.2	SC Menor	0.9	0.1	0.0	**0.09 mm**
1.5	**1.9**	9.5	147.7	78.5	69.2	9.55	9.53	9.58	1.7	0.0	0.0	0.6	1.1	70.3	SC Menor	1.0	0.1	0.0	**0.10 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	0.5	0.0	0.0	0.2	0.4	69.6	SC Menor	0.3	0.0	0.0	**0.03 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	0.7	0.0	0.0	0.2	0.5	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	0.9	0.0	0.0	0.3	0.6	69.8	SC Menor	0.5	0.1	0.0	**0.05 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	1.1	0.0	0.0	0.4	0.7	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	1.2	0.0	0.0	0.4	0.8	70.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
1.5	**1.5**	9.5	147.7	78.5	69.2	9.53	9.53	9.56	1.4	0.0	0.0	0.5	1.0	70.2	SC Menor	0.8	0.1	0.0	**0.08 mm**

GEOMETRÍA		CAPA 10																		TOTAL
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	σ'f (Kpa)	*Caso*	ΔH_1	ΔH_2	ΔH_3	ΔH	
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	1.6	0.1	0.0	0.6	1.1	76.9	SC Menor	0.9	0.1	0.0	**0.09 mm**	13.74 mm
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	2.2	0.1	0.0	0.8	1.4	77.2	SC Menor	1.1	0.1	0.0	**0.11 mm**	17.01 mm
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	2.8	0.1	0.0	1.0	1.8	77.6	SC Menor	1.4	0.1	0.0	**0.14 mm**	20.26 mm
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	3.4	0.1	0.0	1.2	2.2	78.0	SC Menor	1.8	0.2	0.0	**0.18 mm**	23.51 mm
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	3.9	0.2	0.0	1.4	2.6	78.4	SC Menor	2.0	0.2	0.0	**0.20 mm**	25.75 mm
1.5	**7.5**	10.5	164.1	88.3	75.8	11.15	10.53	11.17	4.5	0.2	0.0	1.6	2.9	78.8	SC Menor	2.3	0.2	0.0	**0.23 mm**	28.35 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	13.58 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	16.64 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	1.6	0.0	0.0	0.5	1.0	76.8	SC Menor	0.8	0.1	0.0	**0.08 mm**	19.65 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	1.9	0.0	0.0	0.6	1.3	77.1	SC Menor	1.0	0.1	0.0	**0.10 mm**	22.63 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	2.2	0.0	0.0	0.7	1.5	77.3	SC Menor	1.2	0.1	0.0	**0.12 mm**	24.66 mm
1.5	**3.8**	10.5	164.1	88.3	75.8	10.67	10.53	10.69	2.5	0.0	0.0	0.9	1.7	77.5	SC Menor	1.3	0.1	0.0	**0.13 mm**	27.04 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	13.14 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	15.98 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	1.1	0.0	0.0	0.4	0.7	76.5	SC Menor	0.6	0.1	0.0	**0.06 mm**	18.75 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	1.4	0.0	0.0	0.5	0.9	76.7	SC Menor	0.7	0.1	0.0	**0.07 mm**	21.52 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	1.5	0.0	0.0	0.5	1.0	76.8	SC Menor	0.8	0.1	0.0	**0.08 mm**	23.38 mm
1.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.53	10.60	1.8	0.0	0.0	0.6	1.2	77.0	SC Menor	0.9	0.1	0.0	**0.09 mm**	25.61 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	0.5	0.0	0.0	0.2	0.3	76.1	SC Menor	0.3	0.0	0.0	**0.03 mm**	12.50 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	0.7	0.0	0.0	0.2	0.4	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	15.13 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	17.69 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	1.1	0.0	0.0	0.4	0.7	76.5	SC Menor	0.6	0.1	0.0	**0.06 mm**	20.28 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	22.02 mm
1.5	**1.9**	10.5	164.1	88.3	75.8	10.54	10.53	10.57	1.4	0.0	0.0	0.5	0.9	76.7	SC Menor	0.7	0.1	0.0	**0.07 mm**	24.12 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	12.23 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	14.60 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	0.7	0.0	0.0	0.2	0.5	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	16.94 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	19.35 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	1.0	0.0	0.0	0.3	0.7	76.5	SC Menor	0.5	0.1	0.0	**0.05 mm**	20.97 mm
1.5	**1.5**	10.5	164.1	88.3	75.8	10.53	10.53	10.55	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	22.93 mm

GEOMETRÍA DIMENSIONES					PRESIÓN		PROFUNDIDAD			ESFUERZOS		
B *(m)*	L *(m)*	*B'* (m)	*L'* (m)	Df *(m)*	Q *(KN)*	q_o *(Kpa)*	γ *(Kn/m^3)*	$H_{espesor}$ *(m)*	NAF *(m)*	σv (Kpa)	μ *(Kpa)*	$\sigma'o$ (Kpa)
2.0	**10.0**	1.00	5.00	**0.01**	793	**39.63**	16.41	1.00	1.00	0.16	0.00	0.16
2.0	**10.0**	1.00	5.00	**0.50**	1020	**51.024**	16.41	1.00	1.00	8.21	0.00	8.21
2.0	**10.0**	1.00	5.00	**1.00**	1270	**63.525**	16.41	1.00	1.00	16.41	0.00	16.41
2.0	**10.0**	1.00	5.00	**1.50**	1538	**76.909**	16.41	1.00	1.00	24.62	4.91	19.71
2.0	**10.0**	1.00	5.00	**2.00**	1824	**91.175**	16.41	1.00	1.00	32.82	9.81	23.01
2.0	**10.0**	1.00	5.00	**2.50**	2033	**101.65**	16.41	1.00	1.00	41.03	14.72	26.31
2.0	**5.0**	1.00	2.50	**0.01**	409	**40.887**	16.41	1.00	1.00	0.16	0.00	0.16
2.0	**5.0**	1.00	2.50	**0.50**	528	**52.791**	16.41	1.00	1.00	8.21	0.00	8.21
2.0	**5.0**	1.00	2.50	**1.00**	659	**65.86**	16.41	1.00	1.00	16.41	0.00	16.41
2.0	**5.0**	1.00	2.50	**1.50**	799	**79.858**	16.41	1.00	1.00	24.62	4.91	19.71
2.0	**5.0**	1.00	2.50	**2.00**	948	**94.787**	16.41	1.00	1.00	32.82	9.81	23.01
2.0	**5.0**	1.00	2.50	**2.50**	1057	**105.67**	16.41	1.00	1.00	41.03	14.72	26.31
2.0	**3.3**	1.00	1.67	**0.01**	281	**42.144**	16.41	1.00	1.00	0.16	0.00	0.16
2.0	**3.3**	1.00	1.67	**0.50**	364	**54.559**	16.41	1.00	1.00	8.21	0.00	8.21
2.0	**3.3**	1.00	1.67	**1.00**	455	**68.195**	16.41	1.00	1.00	16.41	0.00	16.41
2.0	**3.3**	1.00	1.67	**1.50**	552	**82.808**	16.41	1.00	1.00	24.62	4.91	19.71
2.0	**3.3**	1.00	1.67	**2.00**	656	**98.398**	16.41	1.00	1.00	32.82	9.81	23.01
2.0	**3.3**	1.00	1.67	**2.50**	731	**109.69**	16.41	1.00	1.00	41.03	14.72	26.31
2.0	**2.5**	1.00	1.25	**0.01**	217	**43.401**	16.41	1.00	1.00	0.16	0.00	0.16
2.0	**2.5**	1.00	1.25	**0.50**	282	**56.326**	16.41	1.00	1.00	8.21	0.00	8.21
2.0	**2.5**	1.00	1.25	**1.00**	353	**70.53**	16.41	1.00	1.00	16.41	0.00	16.41
2.0	**2.5**	1.00	1.25	**1.50**	429	**85.758**	16.41	1.00	1.00	24.62	4.91	19.71
2.0	**2.5**	1.00	1.25	**2.00**	510	**102.01**	16.41	1.00	1.00	32.82	9.81	23.01
2.0	**2.5**	1.00	1.25	**2.50**	569	**113.71**	16.41	1.00	1.00	41.03	14.72	26.31
2.0	**2.0**	1.00	1.00	**0.01**	186	**46.561**	16.41	1.00	1.00	0.16	0.00	0.16
2.0	**2.0**	1.00	1.00	**0.50**	240	**59.997**	16.41	1.00	1.00	8.21	0.00	8.21
2.0	**2.0**	1.00	1.00	**1.00**	299	**74.768**	16.41	1.00	1.00	16.41	0.00	16.41
2.0	**2.0**	1.00	1.00	**1.50**	362	**90.611**	16.41	1.00	1.00	24.62	4.91	19.71
2.0	**2.0**	1.00	1.00	**2.00**	430	**107.52**	16.41	1.00	1.00	32.82	9.81	23.01
2.0	**2.0**	1.00	1.00	**2.50**	479	**119.63**	16.41	1.00	1.00	41.03	14.72	26.31

GEOMETRÍA		ELÁ														
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	q_o (Kpa)	I_1	I_2
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	32.4	18.4	7.2	19.3	13.1	13.1	0.113	0.122
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	41.7	23.7	9.3	24.9	16.8	16.8	0.113	0.122
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	51.9	29.5	11.5	31.0	21.0	21.0	0.113	0.122
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	62.9	35.7	14.0	37.5	25.4	25.4	0.113	0.122
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	74.5	42.3	16.5	44.5	30.1	30.1	0.113	0.122
2.0	**10.0**	1.0	16.4	0.0	16.4	5.10	1.41	5.20	83.1	47.2	18.4	49.6	33.5	33.5	0.113	0.122
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	33.1	15.5	7.3	18.6	14.5	14.5	0.121	0.114
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	42.7	20.0	9.4	24.1	18.7	18.7	0.121	0.114
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	53.3	25.0	11.8	30.0	23.3	23.3	0.121	0.114
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	64.6	30.3	14.3	36.4	28.2	28.2	0.121	0.114
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	76.7	36.0	17.0	43.2	33.5	33.5	0.121	0.114
2.0	**5.0**	1.0	16.4	0.0	16.4	2.69	1.41	2.87	85.5	40.1	18.9	48.2	37.4	37.4	0.121	0.114
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	33.1	12.1	7.2	17.5	15.6	15.6	0.129	0.104
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	42.9	15.6	9.4	22.6	20.3	20.3	0.129	0.104
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	53.6	19.5	11.7	28.3	25.3	25.3	0.129	0.104
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	65.1	23.7	14.2	34.3	30.7	30.7	0.129	0.104
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	77.3	28.2	16.9	40.8	36.5	36.5	0.129	0.104
2.0	**3.3**	1.0	16.4	0.0	16.4	1.94	1.41	2.19	86.2	31.4	18.9	45.5	40.7	40.7	0.129	0.104
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	32.5	9.0	7.0	16.2	16.3	16.3	0.137	0.093
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	42.1	11.7	9.1	21.0	21.1	21.1	0.137	0.093
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	52.7	14.7	11.4	26.3	26.5	26.5	0.137	0.093
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	64.1	17.8	13.9	31.9	32.2	32.2	0.137	0.093
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	76.3	21.2	16.5	38.0	38.3	38.3	0.137	0.093
2.0	**2.5**	1.0	16.4	0.0	16.4	1.60	1.41	1.89	85.0	23.6	18.4	42.3	42.7	42.7	0.137	0.093
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	32.6	7.0	7.0	15.5	17.1	17.1	0.142	0.083
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	42.1	9.0	9.0	20.0	22.1	22.1	0.142	0.083
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	52.4	11.2	11.2	24.9	27.5	27.5	0.142	0.083
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	63.5	13.6	13.6	30.2	33.3	33.3	0.142	0.083
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	75.4	16.1	16.1	35.8	39.5	39.5	0.142	0.083
2.0	**2.0**	1.0	16.4	0.0	16.4	1.41	1.41	1.73	83.8	17.9	17.9	39.9	44.0	44.0	0.142	0.083

GEOMETRÍA STICOS																			
B *(m)*	L *(m)*	*R*	B_1	B_2	B_3	B_4	B_5	R_1	R_2	R_3	R_4	Y_1	Y_2	Y_3	Y_4	Y_5	I_f	I_S	ΔH
2.0	**10.0**	0.0	1.8	2.12	-0.48	-0.52	-0.64	10.00	2.00	10.20	10.20	5.74	5.74	0.00	0.00	0.03	0.999	0.183	**2.74 mm**
2.0	**10.0**	1.0	1.8	2.12	-0.48	-0.52	-0.64	10.05	2.24	10.25	10.20	5.74	5.54	0.52	0.05	1.10	0.938	0.183	**3.31 mm**
2.0	**10.0**	2.0	1.8	2.12	-0.48	-0.52	-0.64	10.20	2.83	10.39	10.20	5.74	5.11	0.95	0.13	1.53	0.875	0.183	**3.84 mm**
2.0	**10.0**	3.0	1.8	2.12	-0.48	-0.52	-0.64	10.44	3.61	10.63	10.20	5.74	4.67	1.18	0.19	1.68	0.822	0.183	**4.37 mm**
2.0	**10.0**	4.0	1.8	2.12	-0.48	-0.52	-0.64	10.77	4.47	10.95	10.20	5.74	4.27	1.30	0.23	1.71	0.780	0.183	**4.92 mm**
2.0	**10.0**	5.0	1.8	2.12	-0.48	-0.52	-0.64	11.18	5.39	11.36	10.20	5.74	3.93	1.35	0.26	1.69	0.746	0.183	**5.25 mm**
2.0	**5.0**	0.0	1.8	2.12	-0.48	-0.52	-0.64	5.00	2.00	5.39	5.39	4.47	4.47	0.00	0.00	0.03	0.999	0.186	**3.07 mm**
2.0	**5.0**	1.0	1.8	2.12	-0.48	-0.52	-0.64	5.10	2.24	5.48	5.39	4.47	4.28	0.60	0.09	1.07	0.919	0.186	**3.65 mm**
2.0	**5.0**	2.0	1.8	2.12	-0.48	-0.52	-0.64	5.39	2.83	5.74	5.39	4.47	3.86	1.04	0.19	1.43	0.840	0.186	**4.16 mm**
2.0	**5.0**	3.0	1.8	2.12	-0.48	-0.52	-0.64	5.83	3.61	6.16	5.39	4.47	3.41	1.21	0.24	1.49	0.776	0.186	**4.67 mm**
2.0	**5.0**	4.0	1.8	2.12	-0.48	-0.52	-0.64	6.40	4.47	6.71	5.39	4.47	3.00	1.24	0.27	1.43	0.728	0.186	**5.19 mm**
2.0	**5.0**	5.0	1.8	2.12	-0.48	-0.52	-0.64	7.07	5.39	7.35	5.39	4.47	2.65	1.20	0.27	1.33	0.691	0.186	**5.49 mm**
2.0	**3.3**	0.0	1.8	2.12	-0.48	-0.52	-0.64	3.33	2.00	3.89	3.89	3.78	3.78	0.00	0.00	0.03	0.999	0.189	**3.37 mm**
2.0	**3.3**	1.0	1.8	2.12	-0.48	-0.52	-0.64	3.48	2.24	4.01	3.89	3.78	3.59	0.63	0.11	1.03	0.904	0.189	**3.95 mm**
2.0	**3.3**	2.0	1.8	2.12	-0.48	-0.52	-0.64	3.89	2.83	4.37	3.89	3.78	3.14	1.03	0.21	1.30	0.812	0.189	**4.44 mm**
2.0	**3.3**	3.0	1.8	2.12	-0.48	-0.52	-0.64	4.48	3.61	4.91	3.89	3.78	2.68	1.11	0.24	1.27	0.743	0.189	**4.93 mm**
2.0	**3.3**	4.0	1.8	2.12	-0.48	-0.52	-0.64	5.21	4.47	5.58	3.89	3.78	2.28	1.06	0.24	1.16	0.693	0.189	**5.47 mm**
2.0	**3.3**	5.0	1.8	2.12	-0.48	-0.52	-0.64	6.01	5.39	6.33	3.89	3.78	1.97	0.97	0.23	1.04	0.656	0.189	**5.77 mm**
2.0	**2.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	2.50	2.00	3.20	3.20	3.31	3.31	0.00	0.00	0.03	0.998	0.190	**3.54 mm**
2.0	**2.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.69	2.24	3.35	3.20	3.31	3.11	0.64	0.11	0.98	0.890	0.190	**4.09 mm**
2.0	**2.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	3.20	2.83	3.77	3.20	3.31	2.65	0.97	0.20	1.17	0.789	0.190	**4.54 mm**
2.0	**2.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.91	3.61	4.39	3.20	3.31	2.19	0.98	0.22	1.09	0.718	0.190	**5.02 mm**
2.0	**2.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.72	4.47	5.12	3.20	3.31	1.82	0.90	0.21	0.96	0.668	0.190	**5.56 mm**
2.0	**2.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.59	5.39	5.94	3.20	3.31	1.55	0.80	0.19	0.83	0.633	0.190	**5.88 mm**
2.0	**2.0**	0.0	1.8	2.12	-0.48	-0.52	-0.64	2.00	2.00	2.83	2.83	2.97	2.97	0.00	0.00	0.03	0.998	0.190	**3.71 mm**
2.0	**2.0**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.24	2.24	3.00	2.83	2.97	2.75	0.64	0.12	0.93	0.877	0.190	**4.20 mm**
2.0	**2.0**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.83	2.83	3.46	2.83	2.97	2.27	0.89	0.19	1.05	0.770	0.190	**4.60 mm**
2.0	**2.0**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.61	3.61	4.12	2.83	2.97	1.84	0.86	0.20	0.94	0.698	0.190	**5.05 mm**
2.0	**2.0**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.47	4.47	4.90	2.83	2.97	1.51	0.76	0.18	0.81	0.650	0.190	**5.58 mm**
2.0	**2.0**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.39	5.39	5.74	2.83	2.97	1.27	0.67	0.16	0.69	0.617	0.190	**5.89 mm**

GEOMETRÍA						CAPA 1													
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	32.4	18.4	7.2	19.3	13.1	21.3	SC Menor	58.1	5.8	0.0	**5.81 mm**
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	41.7	23.7	9.3	24.9	16.8	25.0	SC Menor	68.0	6.8	0.0	**6.80 mm**
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	51.9	29.5	11.5	31.0	21.0	29.2	SC Menor	77.3	7.7	0.0	**7.73 mm**
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	62.9	35.7	14.0	37.5	25.4	33.6	SC Menor	85.8	8.6	0.0	**8.58 mm**
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	74.5	42.3	16.5	44.5	30.1	38.3	SC Menor	93.8	9.4	0.0	**9.38 mm**
2.0	**10.0**	1.0	8.2	0.0	8.2	5.10	1.41	5.20	83.1	47.2	18.4	49.6	33.5	41.7	SC Menor	99.1	9.9	0.0	**9.91 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	33.1	15.5	7.3	18.6	14.5	22.7	SC Menor	61.9	6.2	0.0	**6.19 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	42.7	20.0	9.4	24.1	18.7	26.9	SC Menor	72.3	7.2	0.0	**7.23 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	53.3	25.0	11.8	30.0	23.3	31.5	SC Menor	81.9	8.2	0.0	**8.19 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	64.6	30.3	14.3	36.4	28.2	36.4	SC Menor	90.8	9.1	0.0	**9.08 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	76.7	36.0	17.0	43.2	33.5	41.7	SC Menor	99.1	9.9	0.0	**9.91 mm**
2.0	**5.0**	1.0	8.2	0.0	8.2	2.69	1.41	2.87	85.5	40.1	18.9	48.2	37.4	45.6	SC Menor	104.4	10.4	0.0	**10.44 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	33.1	12.1	7.2	17.5	15.6	23.8	SC Menor	65.0	6.5	0.0	**6.50 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	42.9	15.6	9.4	22.6	20.3	28.5	SC Menor	75.8	7.6	0.0	**7.58 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	53.6	19.5	11.7	28.3	25.3	33.5	SC Menor	85.7	8.6	0.0	**8.57 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	65.1	23.7	14.2	34.3	30.7	38.9	SC Menor	94.9	9.5	0.0	**9.49 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	77.3	28.2	16.9	40.8	36.5	44.7	SC Menor	103.3	10.3	0.0	**10.33 mm**
2.0	**3.3**	1.0	8.2	0.0	8.2	1.94	1.41	2.19	86.2	31.4	18.9	45.5	40.7	48.9	SC Menor	108.8	10.9	0.0	**10.88 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	32.5	9.0	7.0	16.2	16.3	24.5	SC Menor	66.6	6.7	0.0	**6.66 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	42.1	11.7	9.1	21.0	21.1	29.3	SC Menor	77.6	7.8	0.0	**7.76 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	52.7	14.7	11.4	26.3	26.5	34.7	SC Menor	87.8	8.8	0.0	**8.78 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	64.1	17.8	13.9	31.9	32.2	40.4	SC Menor	97.1	9.7	0.0	**9.71 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	76.3	21.2	16.5	38.0	38.3	46.5	SC Menor	105.7	10.6	0.0	**10.57 mm**
2.0	**2.5**	1.0	8.2	0.0	8.2	1.60	1.41	1.89	85.0	23.6	18.4	42.3	42.7	50.9	SC Menor	111.2	11.1	0.0	**11.12 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	32.6	7.0	7.0	15.5	17.1	25.3	SC Menor	68.7	6.9	0.0	**6.87 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	42.1	9.0	9.0	20.0	22.1	30.3	SC Menor	79.5	8.0	0.0	**7.95 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	52.4	11.2	11.2	24.9	27.5	35.7	SC Menor	89.6	9.0	0.0	**8.96 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	63.5	13.6	13.6	30.2	33.3	41.5	SC Menor	98.8	9.9	0.0	**9.88 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	75.4	16.1	16.1	35.8	39.5	47.7	SC Menor	107.3	10.7	0.0	**10.73 mm**
2.0	**2.0**	1.0	8.2	0.0	8.2	1.41	1.41	1.73	83.8	17.9	17.9	39.9	44.0	52.2	SC Menor	112.7	11.3	0.0	**11.27 mm**

GEOMETRÍA		CAPA 2																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	21.6	9.2	1.6	10.8	10.8	30.5	SC Menor	26.6 mm	2.7 mm	0.0 mm	**2.66 mm**
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	27.8	11.9	2.0	13.9	13.9	33.6	SC Menor	32.5 mm	3.3 mm	0.0 mm	**3.25 mm**
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	34.6	14.8	2.5	17.3	17.3	37.0	SC Menor	38.4 mm	3.8 mm	0.0 mm	**3.84 mm**
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	41.9	17.9	3.1	21.0	21.0	40.7	SC Menor	44.1 mm	4.4 mm	0.0 mm	**4.41 mm**
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	49.7	21.2	3.7	24.9	24.8	44.6	SC Menor	49.7 mm	5.0 mm	0.0 mm	**4.97 mm**
2.0	**10.0**	2.0	24.6	4.9	19.7	5.39	2.24	5.48	55.4	23.6	4.1	27.7	27.7	47.4	SC Menor	53.5 mm	5.3 mm	0.0 mm	**5.35 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	20.8	5.5	1.5	9.3	11.5	31.3	SC Menor	28.1 mm	2.8 mm	0.0 mm	**2.81 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	26.9	7.1	2.0	12.0	14.9	34.6	SC Menor	34.3 mm	3.4 mm	0.0 mm	**3.43 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	33.6	8.9	2.5	15.0	18.6	38.3	SC Menor	40.5 mm	4.0 mm	0.0 mm	**4.05 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	40.7	10.7	3.0	18.1	22.6	42.3	SC Menor	46.5 mm	4.6 mm	0.0 mm	**4.65 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	48.3	12.8	3.5	21.5	26.8	46.5	SC Menor	52.3 mm	5.2 mm	0.0 mm	**5.23 mm**
2.0	**5.0**	2.0	24.6	4.9	19.7	3.20	2.24	3.35	53.8	14.2	3.9	24.0	29.8	49.5	SC Menor	56.2 mm	5.6 mm	0.0 mm	**5.62 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	18.9	3.1	1.4	7.8	11.1	30.9	SC Menor	27.3 mm	2.7 mm	0.0 mm	**2.73 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	24.5	4.0	1.8	10.1	14.4	34.1	SC Menor	33.5 mm	3.3 mm	0.0 mm	**3.35 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	30.6	4.9	2.2	12.6	18.0	37.7	SC Menor	39.6 mm	4.0 mm	0.0 mm	**3.96 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	37.2	6.0	2.7	15.3	21.9	41.6	SC Menor	45.5 mm	4.6 mm	0.0 mm	**4.55 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	44.2	7.1	3.2	18.2	26.0	45.7	SC Menor	51.3 mm	5.1 mm	0.0 mm	**5.13 mm**
2.0	**3.3**	2.0	24.6	4.9	19.7	2.60	2.24	2.79	49.3	8.0	3.6	20.3	29.0	48.7	SC Menor	55.1 mm	5.5 mm	0.0 mm	**5.51 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	16.9	1.8	1.2	6.6	10.2	30.0	SC Menor	25.5 mm	2.5 mm	0.0 mm	**2.55 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	21.9	2.3	1.6	8.6	13.3	33.0	SC Menor	31.4 mm	3.1 mm	0.0 mm	**3.14 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	27.4	2.9	2.0	10.7	16.6	36.4	SC Menor	37.3 mm	3.7 mm	0.0 mm	**3.73 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	33.3	3.5	2.4	13.1	20.2	39.9	SC Menor	43.0 mm	4.3 mm	0.0 mm	**4.30 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	39.6	4.1	2.9	15.5	24.1	43.8	SC Menor	48.6 mm	4.9 mm	0.0 mm	**4.86 mm**
2.0	**2.5**	2.0	24.6	4.9	19.7	2.36	2.24	2.56	44.2	4.6	3.2	17.3	26.8	46.5	SC Menor	52.3 mm	5.2 mm	0.0 mm	**5.23 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	15.6	1.1	1.1	6.0	9.7	29.4	SC Menor	24.3 mm	2.4 mm	0.0 mm	**2.43 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	20.2	1.5	1.5	7.7	12.5	32.2	SC Menor	29.9 mm	3.0 mm	0.0 mm	**2.99 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	25.1	1.8	1.8	9.6	15.5	35.3	SC Menor	35.4 mm	3.5 mm	0.0 mm	**3.54 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	30.5	2.2	2.2	11.6	18.8	38.5	SC Menor	40.9 mm	4.1 mm	0.0 mm	**4.09 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	36.1	2.6	2.6	13.8	22.4	42.1	SC Menor	46.2 mm	4.6 mm	0.0 mm	**4.62 mm**
2.0	**2.0**	2.0	24.6	4.9	19.7	2.24	2.24	2.45	40.2	2.9	2.9	15.3	24.9	44.6	SC Menor	49.7 mm	5.0 mm	0.0 mm	**4.97 mm**

GEOMETRÍA		CAPA 3																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	15.2	5.0	0.5	6.9	8.3	34.6	SC Menor	16.7 mm	1.7 mm	0.0 mm	**1.67 mm**
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	19.6	6.5	0.7	8.9	10.7	37.0	SC Menor	20.7 mm	2.1 mm	0.0 mm	**2.07 mm**
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	24.4	8.1	0.9	11.1	13.3	39.6	SC Menor	24.9 mm	2.5 mm	0.0 mm	**2.49 mm**
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	29.5	9.8	1.0	13.4	16.1	42.4	SC Menor	29.0 mm	2.9 mm	0.0 mm	**2.90 mm**
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	35.0	11.6	1.2	15.9	19.0	45.4	SC Menor	33.2 mm	3.3 mm	0.0 mm	**3.32 mm**
2.0	**10.0**	3.0	41.0	14.7	26.3	5.83	3.16	5.92	39.0	12.9	1.4	17.8	21.2	47.5	SC Menor	36.0 mm	3.6 mm	0.0 mm	**3.60 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	13.3	2.1	0.5	5.3	8.0	34.3	SC Menor	16.2 mm	1.6 mm	0.0 mm	**1.62 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	17.2	2.8	0.6	6.9	10.4	36.7	SC Menor	20.2 mm	2.0 mm	0.0 mm	**2.02 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	21.5	3.4	0.7	8.5	12.9	39.2	SC Menor	24.3 mm	2.4 mm	0.0 mm	**2.43 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	26.0	4.2	0.9	10.4	15.7	42.0	SC Menor	28.5 mm	2.8 mm	0.0 mm	**2.85 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	30.9	4.9	1.1	12.3	18.6	44.9	SC Menor	32.6 mm	3.3 mm	0.0 mm	**3.26 mm**
2.0	**5.0**	3.0	41.0	14.7	26.3	3.91	3.16	4.03	34.4	5.5	1.2	13.7	20.7	47.0	SC Menor	35.4 mm	3.5 mm	0.0 mm	**3.54 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	11.1	1.0	0.4	4.1	6.9	33.2	SC Menor	14.3 mm	1.4 mm	0.0 mm	**1.43 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	14.3	1.2	0.5	5.4	9.0	35.3	SC Menor	17.9 mm	1.8 mm	0.0 mm	**1.79 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	17.9	1.5	0.6	6.7	11.2	37.5	SC Menor	21.7 mm	2.2 mm	0.0 mm	**2.17 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	21.8	1.9	0.8	8.1	13.6	39.9	SC Menor	25.4 mm	2.5 mm	0.0 mm	**2.54 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	25.9	2.2	0.9	9.7	16.2	42.5	SC Menor	29.2 mm	2.9 mm	0.0 mm	**2.92 mm**
2.0	**3.3**	3.0	41.0	14.7	26.3	3.43	3.16	3.57	28.8	2.5	1.0	10.8	18.1	44.4	SC Menor	31.8 mm	3.2 mm	0.0 mm	**3.18 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	9.3	0.5	0.3	3.4	5.9	32.2	SC Menor	12.4 mm	1.2 mm	0.0 mm	**1.24 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	12.1	0.6	0.4	4.4	7.7	34.0	SC Menor	15.6 mm	1.6 mm	0.0 mm	**1.56 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	15.1	0.8	0.5	5.5	9.6	35.9	SC Menor	19.0 mm	1.9 mm	0.0 mm	**1.90 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	18.4	1.0	0.6	6.7	11.7	38.0	SC Menor	22.4 mm	2.2 mm	0.0 mm	**2.24 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	21.9	1.1	0.8	7.9	13.9	40.3	SC Menor	25.9 mm	2.6 mm	0.0 mm	**2.59 mm**
2.0	**2.5**	3.0	41.0	14.7	26.3	3.25	3.16	3.40	24.4	1.3	0.8	8.8	15.5	41.9	SC Menor	28.3 mm	2.8 mm	0.0 mm	**2.83 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	8.3	0.3	0.3	3.0	5.4	31.7	SC Menor	11.3 mm	1.1 mm	0.0 mm	**1.13 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	10.7	0.4	0.4	3.8	6.9	33.2	SC Menor	14.2 mm	1.4 mm	0.0 mm	**1.42 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	13.4	0.5	0.5	4.8	8.6	34.9	SC Menor	17.3 mm	1.7 mm	0.0 mm	**1.73 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	16.2	0.6	0.6	5.8	10.4	36.7	SC Menor	20.4 mm	2.0 mm	0.0 mm	**2.04 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	19.2	0.7	0.7	6.9	12.4	38.7	SC Menor	23.5 mm	2.4 mm	0.0 mm	**2.35 mm**
2.0	**2.0**	3.0	41.0	14.7	26.3	3.16	3.16	3.32	21.4	0.7	0.7	7.6	13.8	40.1	SC Menor	25.7 mm	2.6 mm	0.0 mm	**2.57 mm**

GEOMETRÍA		CAPA 4																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	11.3	2.9	0.2	4.8	6.5	39.4	SC Menor	10.9	1.1	0.0	**1.09 mm**
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	14.5	3.7	0.3	6.2	8.3	41.3	SC Menor	13.8	1.4	0.0	**1.38 mm**
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	18.1	4.7	0.4	7.7	10.4	43.3	SC Menor	16.7	1.7	0.0	**1.67 mm**
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	21.9	5.6	0.4	9.3	12.6	45.5	SC Menor	19.7	2.0	0.0	**1.97 mm**
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	26.0	6.7	0.5	11.1	14.9	47.8	SC Menor	22.8	2.3	0.0	**2.28 mm**
2.0	**10.0**	4.0	57.4	24.5	32.9	6.40	4.12	6.48	28.9	7.5	0.6	12.3	16.6	49.5	SC Menor	24.9	2.5	0.0	**2.49 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	9.0	0.9	0.2	3.4	5.6	38.5	SC Menor	9.6	1.0	0.0	**0.96 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	11.6	1.2	0.2	4.3	7.2	40.1	SC Menor	12.1	1.2	0.0	**1.21 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	14.4	1.5	0.3	5.4	9.0	41.9	SC Menor	14.8	1.5	0.0	**1.48 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	17.5	1.8	0.4	6.6	10.9	43.9	SC Menor	17.5	1.7	0.0	**1.75 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	20.8	2.2	0.4	7.8	13.0	45.9	SC Menor	20.3	2.0	0.0	**2.03 mm**
2.0	**5.0**	4.0	57.4	24.5	32.9	4.72	4.12	4.82	23.1	2.4	0.5	8.7	14.5	47.4	SC Menor	22.2	2.2	0.0	**2.22 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	7.0	0.4	0.1	2.5	4.5	37.4	SC Menor	7.8	0.8	0.0	**0.78 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	9.1	0.5	0.2	3.2	5.8	38.7	SC Menor	9.9	1.0	0.0	**0.99 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	11.3	0.6	0.2	4.1	7.3	40.2	SC Menor	12.2	1.2	0.0	**1.22 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	13.8	0.7	0.3	4.9	8.9	41.8	SC Menor	14.5	1.5	0.0	**1.45 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	16.4	0.9	0.3	5.9	10.5	43.4	SC Menor	16.9	1.7	0.0	**1.69 mm**
2.0	**3.3**	4.0	57.4	24.5	32.9	4.33	4.12	4.45	18.3	0.9	0.4	6.5	11.7	44.6	SC Menor	18.6	1.9	0.0	**1.86 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	5.7	0.2	0.1	2.0	3.7	36.6	SC Menor	6.5	0.7	0.0	**0.65 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	7.4	0.2	0.1	2.6	4.8	37.7	SC Menor	8.3	0.8	0.0	**0.83 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	9.3	0.3	0.2	3.3	6.0	38.9	SC Menor	10.3	1.0	0.0	**1.03 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	11.3	0.3	0.2	4.0	7.3	40.2	SC Menor	12.3	1.2	0.0	**1.23 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	13.4	0.4	0.3	4.7	8.7	41.6	SC Menor	14.3	1.4	0.0	**1.43 mm**
2.0	**2.5**	4.0	57.4	24.5	32.9	4.19	4.12	4.31	15.0	0.5	0.3	5.2	9.7	42.6	SC Menor	15.8	1.6	0.0	**1.58 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	5.0	0.1	0.1	1.7	3.3	36.2	SC Menor	5.8	0.6	0.0	**0.58 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	6.5	0.1	0.1	2.2	4.2	37.1	SC Menor	7.4	0.7	0.0	**0.74 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	8.1	0.2	0.2	2.8	5.3	38.2	SC Menor	9.1	0.9	0.0	**0.91 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	9.8	0.2	0.2	3.4	6.4	39.3	SC Menor	10.8	1.1	0.0	**1.08 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	11.6	0.2	0.2	4.0	7.6	40.5	SC Menor	12.6	1.3	0.0	**1.26 mm**
2.0	**2.0**	4.0	57.4	24.5	32.9	4.12	4.12	4.24	12.9	0.3	0.3	4.5	8.4	41.4	SC Menor	13.9	1.4	0.0	**1.39 mm**

GEOMETRÍA		CAPA 5																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	8.7	1.7	0.1	3.5	5.2	44.7	SC Menor	7.5	0.7	0.0	**0.75 mm**
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	11.2	2.2	0.1	4.5	6.6	46.2	SC Menor	9.5	0.9	0.0	**0.95 mm**
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	13.9	2.8	0.2	5.6	8.3	47.8	SC Menor	11.6	1.2	0.0	**1.16 mm**
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	16.8	3.4	0.2	6.8	10.0	49.5	SC Menor	13.8	1.4	0.0	**1.38 mm**
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	20.0	4.0	0.3	8.1	11.9	51.4	SC Menor	16.0	1.6	0.0	**1.60 mm**
2.0	**10.0**	5.0	73.8	34.3	39.5	7.07	5.10	7.14	22.2	4.5	0.3	9.0	13.2	52.8	SC Menor	17.6	1.8	0.0	**1.76 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	6.3	0.5	0.1	2.3	4.0	43.5	SC Menor	5.9	0.6	0.0	**0.59 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	8.2	0.6	0.1	3.0	5.2	44.7	SC Menor	7.6	0.8	0.0	**0.76 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	10.2	0.7	0.1	3.7	6.5	46.0	SC Menor	9.3	0.9	0.0	**0.93 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	12.3	0.9	0.2	4.5	7.9	47.4	SC Menor	11.1	1.1	0.0	**1.11 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	14.7	1.0	0.2	5.3	9.4	48.9	SC Menor	13.0	1.3	0.0	**1.30 mm**
2.0	**5.0**	5.0	73.8	34.3	39.5	5.59	5.10	5.68	16.3	1.2	0.2	5.9	10.4	49.9	SC Menor	14.3	1.4	0.0	**1.43 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	4.8	0.2	0.1	1.7	3.1	42.6	SC Menor	4.6	0.5	0.0	**0.46 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	6.2	0.2	0.1	2.2	4.0	43.5	SC Menor	5.9	0.6	0.0	**0.59 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	7.7	0.3	0.1	2.7	5.0	44.5	SC Menor	7.3	0.7	0.0	**0.73 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	9.4	0.3	0.1	3.3	6.1	45.6	SC Menor	8.7	0.9	0.0	**0.87 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	11.1	0.4	0.1	3.9	7.2	46.8	SC Menor	10.3	1.0	0.0	**1.03 mm**
2.0	**3.3**	5.0	73.8	34.3	39.5	5.27	5.10	5.36	12.4	0.4	0.2	4.3	8.1	47.6	SC Menor	11.3	1.1	0.0	**1.13 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	3.8	0.1	0.0	1.3	2.5	42.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	5.0	0.1	0.1	1.7	3.2	42.8	SC Menor	4.8	0.5	0.0	**0.48 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	6.2	0.1	0.1	2.1	4.1	43.6	SC Menor	6.0	0.6	0.0	**0.60 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	7.5	0.2	0.1	2.6	4.9	44.5	SC Menor	7.2	0.7	0.0	**0.72 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	9.0	0.2	0.1	3.1	5.9	45.4	SC Menor	8.5	0.8	0.0	**0.85 mm**
2.0	**2.5**	5.0	73.8	34.3	39.5	5.15	5.10	5.25	10.0	0.2	0.1	3.4	6.6	46.1	SC Menor	9.4	0.9	0.0	**0.94 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	3.3	0.0	0.0	1.1	2.2	41.7	SC Menor	3.3	0.3	0.0	**0.33 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	4.3	0.1	0.1	1.5	2.8	42.3	SC Menor	4.2	0.4	0.0	**0.42 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	5.4	0.1	0.1	1.8	3.5	43.0	SC Menor	5.2	0.5	0.0	**0.52 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	6.5	0.1	0.1	2.2	4.3	43.8	SC Menor	6.3	0.6	0.0	**0.63 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	7.7	0.1	0.1	2.6	5.1	44.6	SC Menor	7.4	0.7	0.0	**0.74 mm**
2.0	**2.0**	5.0	73.8	34.3	39.5	5.10	5.10	5.20	8.6	0.1	0.1	2.9	5.6	45.1	SC Menor	8.1	0.8	0.0	**0.81 mm**

GEOMETRÍA		CAPA 6																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	6.8	1.1	0.1	2.7	4.2	50.3	SC Menor	5.3	0.5	0.0	**0.53 mm**
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	8.8	1.4	0.1	3.4	5.4	51.5	SC Menor	6.7	0.7	0.0	**0.67 mm**
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	11.0	1.7	0.1	4.3	6.7	52.8	SC Menor	8.3	0.8	0.0	**0.83 mm**
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	13.3	2.1	0.1	5.2	8.1	54.2	SC Menor	9.9	1.0	0.0	**0.99 mm**
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	15.7	2.5	0.1	6.1	9.6	55.7	SC Menor	11.5	1.2	0.0	**1.15 mm**
2.0	**10.0**	6.0	90.3	44.1	46.1	7.81	6.08	7.87	17.5	2.8	0.2	6.8	10.7	56.8	SC Menor	12.7	1.3	0.0	**1.27 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	4.7	0.2	0.0	1.6	3.0	49.1	SC Menor	3.9	0.4	0.0	**0.39 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	6.0	0.3	0.1	2.1	3.9	50.0	SC Menor	4.9	0.5	0.0	**0.49 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	7.5	0.4	0.1	2.7	4.8	51.0	SC Menor	6.1	0.6	0.0	**0.61 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	9.1	0.5	0.1	3.2	5.9	52.0	SC Menor	7.3	0.7	0.0	**0.73 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	10.8	0.6	0.1	3.8	7.0	53.1	SC Menor	8.6	0.9	0.0	**0.86 mm**
2.0	**5.0**	6.0	90.3	44.1	46.1	6.50	6.08	6.58	12.0	0.6	0.1	4.3	7.8	53.9	SC Menor	9.5	0.9	0.0	**0.95 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	3.4	0.1	0.0	1.2	2.2	48.4	SC Menor	2.9	0.3	0.0	**0.29 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	4.4	0.1	0.0	1.5	2.9	49.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	5.5	0.1	0.1	1.9	3.6	49.7	SC Menor	4.6	0.5	0.0	**0.46 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	6.7	0.2	0.1	2.3	4.4	50.5	SC Menor	5.6	0.6	0.0	**0.56 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	8.0	0.2	0.1	2.8	5.2	51.4	SC Menor	6.6	0.7	0.0	**0.66 mm**
2.0	**3.3**	6.0	90.3	44.1	46.1	6.23	6.08	6.31	8.9	0.2	0.1	3.1	5.8	52.0	SC Menor	7.3	0.7	0.0	**0.73 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	2.7	0.0	0.0	0.9	1.8	47.9	SC Menor	2.3	0.2	0.0	**0.23 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	3.5	0.0	0.0	1.2	2.3	48.4	SC Menor	3.0	0.3	0.0	**0.30 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	4.4	0.1	0.0	1.5	2.9	49.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	5.4	0.1	0.0	1.8	3.5	49.6	SC Menor	4.5	0.5	0.0	**0.45 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	6.4	0.1	0.1	2.2	4.2	50.3	SC Menor	5.3	0.5	0.0	**0.53 mm**
2.0	**2.5**	6.0	90.3	44.1	46.1	6.13	6.08	6.21	7.1	0.1	0.1	2.4	4.7	50.8	SC Menor	5.9	0.6	0.0	**0.59 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	2.4	0.0	0.0	0.8	1.6	47.7	SC Menor	2.0	0.2	0.0	**0.20 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	3.0	0.0	0.0	1.0	2.0	48.1	SC Menor	2.6	0.3	0.0	**0.26 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	3.8	0.0	0.0	1.3	2.5	48.6	SC Menor	3.2	0.3	0.0	**0.32 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	4.6	0.0	0.0	1.6	3.0	49.1	SC Menor	3.9	0.4	0.0	**0.39 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	5.5	0.0	0.0	1.9	3.6	49.7	SC Menor	4.6	0.5	0.0	**0.46 mm**
2.0	**2.0**	6.0	90.3	44.1	46.1	6.08	6.08	6.16	6.1	0.1	0.1	2.1	4.0	50.1	SC Menor	5.1	0.5	0.0	**0.51 mm**

GEOMETRÍA		CAPA 7																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	5.5	0.7	0.0	2.1	3.4	56.1	SC Menor	3.8	0.4	0.0	**0.38 mm**
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	7.1	0.9	0.0	2.7	4.4	57.1	SC Menor	4.9	0.5	0.0	**0.49 mm**
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	8.8	1.1	0.1	3.3	5.5	58.2	SC Menor	6.0	0.6	0.0	**0.60 mm**
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	10.7	1.4	0.1	4.0	6.6	59.3	SC Menor	7.2	0.7	0.0	**0.72 mm**
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	12.6	1.6	0.1	4.8	7.9	60.6	SC Menor	8.5	0.8	0.0	**0.85 mm**
2.0	**10.0**	7.0	106.7	54.0	52.7	8.60	7.07	8.66	14.1	1.8	0.1	5.3	8.8	61.5	SC Menor	9.4	0.9	0.0	**0.94 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	3.6	0.1	0.0	1.2	2.3	55.0	SC Menor	2.6	0.3	0.0	**0.26 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	4.6	0.2	0.0	1.6	3.0	55.7	SC Menor	3.4	0.3	0.0	**0.34 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	5.7	0.2	0.0	2.0	3.7	56.4	SC Menor	4.2	0.4	0.0	**0.42 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	6.9	0.3	0.0	2.4	4.5	57.2	SC Menor	5.0	0.5	0.0	**0.50 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	8.2	0.3	0.1	2.9	5.4	58.1	SC Menor	5.9	0.6	0.0	**0.59 mm**
2.0	**5.0**	7.0	106.7	54.0	52.7	7.43	7.07	7.50	9.2	0.4	0.1	3.2	6.0	58.7	SC Menor	6.5	0.7	0.0	**0.65 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	2.6	0.0	0.0	0.9	1.7	54.4	SC Menor	1.9	0.2	0.0	**0.19 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	3.3	0.1	0.0	1.1	2.2	54.9	SC Menor	2.5	0.2	0.0	**0.25 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	4.2	0.1	0.0	1.4	2.7	55.5	SC Menor	3.1	0.3	0.0	**0.31 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	5.1	0.1	0.0	1.7	3.3	56.0	SC Menor	3.7	0.4	0.0	**0.37 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	6.0	0.1	0.0	2.1	4.0	56.7	SC Menor	4.4	0.4	0.0	**0.44 mm**
2.0	**3.3**	7.0	106.7	54.0	52.7	7.20	7.07	7.26	6.7	0.1	0.0	2.3	4.4	57.1	SC Menor	4.9	0.5	0.0	**0.49 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	2.0	0.0	0.0	0.7	1.3	54.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	2.6	0.0	0.0	0.9	1.7	54.4	SC Menor	2.0	0.2	0.0	**0.20 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	3.3	0.0	0.0	1.1	2.2	54.9	SC Menor	2.5	0.2	0.0	**0.25 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	4.0	0.0	0.0	1.4	2.6	55.4	SC Menor	3.0	0.3	0.0	**0.30 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	4.8	0.0	0.0	1.6	3.1	55.9	SC Menor	3.5	0.4	0.0	**0.35 mm**
2.0	**2.5**	7.0	106.7	54.0	52.7	7.11	7.07	7.18	5.3	0.1	0.0	1.8	3.5	56.2	SC Menor	3.9	0.4	0.0	**0.39 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	1.8	0.0	0.0	0.6	1.2	53.9	SC Menor	1.3	0.1	0.0	**0.13 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	2.3	0.0	0.0	0.8	1.5	54.2	SC Menor	1.7	0.2	0.0	**0.17 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	2.8	0.0	0.0	1.0	1.9	54.6	SC Menor	2.1	0.2	0.0	**0.21 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	3.4	0.0	0.0	1.2	2.3	55.0	SC Menor	2.6	0.3	0.0	**0.26 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	4.1	0.0	0.0	1.4	2.7	55.4	SC Menor	3.0	0.3	0.0	**0.30 mm**
2.0	**2.0**	7.0	106.7	54.0	52.7	7.07	7.07	7.14	4.5	0.0	0.0	1.5	3.0	55.7	SC Menor	3.4	0.3	0.0	**0.34 mm**

GEOMETRÍA		CAPA 8																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	4.1	0.4	0.0	1.5	2.6	63.5	SC Menor	3.8	0.4	0.0	**0.38 mm**
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	5.3	0.5	0.0	1.9	3.3	64.3	SC Menor	4.9	0.5	0.0	**0.49 mm**
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	6.5	0.6	0.0	2.4	4.2	65.1	SC Menor	6.0	0.6	0.0	**0.60 mm**
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	7.9	0.7	0.0	2.9	5.0	66.0	SC Menor	7.2	0.7	0.0	**0.72 mm**
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	9.4	0.9	0.0	3.4	6.0	66.9	SC Menor	8.5	0.9	0.0	**0.85 mm**
2.0	**10.0**	8.5	127.2	66.2	61.0	9.86	8.56	9.91	10.5	1.0	0.0	3.8	6.6	67.6	SC Menor	9.4	0.9	0.0	**0.94 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	2.5	0.1	0.0	0.9	1.6	62.6	SC Menor	2.4	0.2	0.0	**0.24 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	3.2	0.1	0.0	1.1	2.1	63.1	SC Menor	3.1	0.3	0.0	**0.31 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	4.0	0.1	0.0	1.4	2.6	63.6	SC Menor	3.9	0.4	0.0	**0.39 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	4.9	0.1	0.0	1.7	3.2	64.2	SC Menor	4.7	0.5	0.0	**0.47 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	5.8	0.2	0.0	2.0	3.8	64.8	SC Menor	5.5	0.6	0.0	**0.55 mm**
2.0	**5.0**	8.5	127.2	66.2	61.0	8.86	8.56	8.92	6.4	0.2	0.0	2.2	4.2	65.2	SC Menor	6.1	0.6	0.0	**0.61 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	1.8	0.0	0.0	0.6	1.2	62.1	SC Menor	1.7	0.2	0.0	**0.17 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	2.3	0.0	0.0	0.8	1.5	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	2.9	0.0	0.0	1.0	1.9	62.9	SC Menor	2.8	0.3	0.0	**0.28 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	3.5	0.0	0.0	1.2	2.3	63.3	SC Menor	3.4	0.3	0.0	**0.34 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	4.2	0.1	0.0	1.4	2.7	63.7	SC Menor	4.0	0.4	0.0	**0.40 mm**
2.0	**3.3**	8.5	127.2	66.2	61.0	8.66	8.56	8.72	4.6	0.1	0.0	1.6	3.1	64.0	SC Menor	4.5	0.4	0.0	**0.45 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	1.4	0.0	0.0	0.5	0.9	61.9	SC Menor	1.4	0.1	0.0	**0.14 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	1.8	0.0	0.0	0.6	1.2	62.2	SC Menor	1.8	0.2	0.0	**0.18 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	2.3	0.0	0.0	0.8	1.5	62.5	SC Menor	2.2	0.2	0.0	**0.22 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	2.8	0.0	0.0	0.9	1.8	62.8	SC Menor	2.7	0.3	0.0	**0.27 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	3.3	0.0	0.0	1.1	2.2	63.1	SC Menor	3.2	0.3	0.0	**0.32 mm**
2.0	**2.5**	8.5	127.2	66.2	61.0	8.59	8.56	8.65	3.6	0.0	0.0	1.2	2.4	63.4	SC Menor	3.6	0.4	0.0	**0.36 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	1.2	0.0	0.0	0.4	0.8	61.8	SC Menor	1.2	0.1	0.0	**0.12 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	1.6	0.0	0.0	0.5	1.0	62.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	1.9	0.0	0.0	0.6	1.3	62.2	SC Menor	1.9	0.2	0.0	**0.19 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	2.3	0.0	0.0	0.8	1.6	62.5	SC Menor	2.3	0.2	0.0	**0.23 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	2.8	0.0	0.0	0.9	1.8	62.8	SC Menor	2.7	0.3	0.0	**0.27 mm**
2.0	**2.0**	8.5	127.2	66.2	61.0	8.56	8.56	8.62	3.1	0.0	0.0	1.0	2.1	63.0	SC Menor	3.0	0.3	0.0	**0.30 mm**

GEOMETRÍA		CAPA 9																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	3.4	0.3	0.0	1.2	2.2	71.4	SC Menor	1.9	0.2	0.0	**0.19 mm**
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	4.4	0.3	0.0	1.6	2.8	72.0	SC Menor	2.4	0.2	0.0	**0.24 mm**
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	5.5	0.4	0.0	2.0	3.5	72.7	SC Menor	3.0	0.3	0.0	**0.30 mm**
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	6.6	0.5	0.0	2.4	4.2	73.4	SC Menor	3.6	0.4	0.0	**0.36 mm**
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	7.9	0.6	0.0	2.8	5.0	74.2	SC Menor	4.3	0.4	0.0	**0.43 mm**
2.0	**10.0**	9.5	147.7	78.5	69.2	10.74	9.55	10.78	8.8	0.7	0.0	3.2	5.6	74.8	SC Menor	4.7	0.5	0.0	**0.47 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	2.0	0.0	0.0	0.7	1.3	70.5	SC Menor	1.2	0.1	0.0	**0.12 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	2.6	0.1	0.0	0.9	1.7	70.9	SC Menor	1.5	0.1	0.0	**0.15 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	3.3	0.1	0.0	1.1	2.2	71.4	SC Menor	1.9	0.2	0.0	**0.19 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	4.0	0.1	0.0	1.4	2.6	71.8	SC Menor	2.3	0.2	0.0	**0.23 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	4.7	0.1	0.0	1.6	3.1	72.3	SC Menor	2.7	0.3	0.0	**0.27 mm**
2.0	**5.0**	9.5	147.7	78.5	69.2	9.82	9.55	9.87	5.2	0.1	0.0	1.8	3.4	72.7	SC Menor	3.0	0.3	0.0	**0.30 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	1.4	0.0	0.0	0.5	1.0	70.2	SC Menor	0.8	0.1	0.0	**0.08 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	1.9	0.0	0.0	0.6	1.2	70.4	SC Menor	1.1	0.1	0.0	**0.11 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	2.3	0.0	0.0	0.8	1.5	70.7	SC Menor	1.3	0.1	0.0	**0.13 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	2.8	0.0	0.0	1.0	1.9	71.1	SC Menor	1.6	0.2	0.0	**0.16 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	3.4	0.0	0.0	1.1	2.2	71.4	SC Menor	1.9	0.2	0.0	**0.19 mm**
2.0	**3.3**	9.5	147.7	78.5	69.2	9.65	9.55	9.70	3.7	0.0	0.0	1.3	2.5	71.7	SC Menor	2.1	0.2	0.0	**0.21 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	1.1	0.0	0.0	0.4	0.7	70.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	1.5	0.0	0.0	0.5	1.0	70.2	SC Menor	0.8	0.1	0.0	**0.08 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	1.8	0.0	0.0	0.6	1.2	70.4	SC Menor	1.1	0.1	0.0	**0.11 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	2.2	0.0	0.0	0.7	1.5	70.7	SC Menor	1.3	0.1	0.0	**0.13 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	2.6	0.0	0.0	0.9	1.7	71.0	SC Menor	1.5	0.2	0.0	**0.15 mm**
2.0	**2.5**	9.5	147.7	78.5	69.2	9.58	9.55	9.63	2.9	0.0	0.0	1.0	1.9	71.2	SC Menor	1.7	0.2	0.0	**0.17 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	1.0	0.0	0.0	0.3	0.6	69.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	1.2	0.0	0.0	0.4	0.8	70.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	1.6	0.0	0.0	0.5	1.0	70.2	SC Menor	0.9	0.1	0.0	**0.09 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	1.9	0.0	0.0	0.6	1.3	70.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	2.2	0.0	0.0	0.8	1.5	70.7	SC Menor	1.3	0.1	0.0	**0.13 mm**
2.0	**2.0**	9.5	147.7	78.5	69.2	9.55	9.55	9.60	2.5	0.0	0.0	0.8	1.7	70.9	SC Menor	1.4	0.1	0.0	**0.14 mm**

GEOMETRÍA		CAPA 10																	TOTAL
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	σ'f (Kpa)	*Caso*	ΔH_1	ΔH_2	ΔH_3	ΔH	
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	2.9	0.2	0.0	1.0	1.9	77.7	SC Menor	1.5	0.1	0.0	**0.15 mm**	16.34 mm
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	3.7	0.2	0.0	1.3	2.4	78.2	SC Menor	1.9	0.2	0.0	**0.19 mm**	19.83 mm
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	4.6	0.3	0.0	1.6	3.0	78.8	SC Menor	2.3	0.2	0.0	**0.23 mm**	23.29 mm
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	5.6	0.4	0.0	2.0	3.6	79.4	SC Menor	2.8	0.3	0.0	**0.28 mm**	26.70 mm
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	6.6	0.4	0.0	2.4	4.3	80.1	SC Menor	3.3	0.3	0.0	**0.33 mm**	30.08 mm
2.0	**10.0**	10.5	164.1	88.3	75.8	11.63	10.55	11.67	7.4	0.5	0.0	2.6	4.8	80.6	SC Menor	3.7	0.4	0.0	**0.37 mm**	32.36 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	1.7	0.0	0.0	0.6	1.1	76.9	SC Menor	0.9	0.1	0.0	**0.09 mm**	16.34 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	2.2	0.0	0.0	0.7	1.4	77.2	SC Menor	1.1	0.1	0.0	**0.11 mm**	19.70 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	2.7	0.0	0.0	0.9	1.8	77.6	SC Menor	1.4	0.1	0.0	**0.14 mm**	22.98 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	3.3	0.1	0.0	1.1	2.2	78.0	SC Menor	1.7	0.2	0.0	**0.17 mm**	26.20 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	3.9	0.1	0.0	1.3	2.6	78.4	SC Menor	2.0	0.2	0.0	**0.20 mm**	29.38 mm
2.0	**5.0**	10.5	164.1	88.3	75.8	10.79	10.55	10.84	4.3	0.1	0.0	1.5	2.9	78.7	SC Menor	2.3	0.2	0.0	**0.23 mm**	31.48 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	16.08 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	1.5	0.0	0.0	0.5	1.0	76.8	SC Menor	0.8	0.1	0.0	**0.08 mm**	19.29 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	1.9	0.0	0.0	0.6	1.3	77.1	SC Menor	1.0	0.1	0.0	**0.10 mm**	22.37 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	2.3	0.0	0.0	0.8	1.5	77.4	SC Menor	1.2	0.1	0.0	**0.12 mm**	25.40 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	2.8	0.0	0.0	0.9	1.8	77.6	SC Menor	1.5	0.1	0.0	**0.15 mm**	28.40 mm
2.0	**3.3**	10.5	164.1	88.3	75.8	10.63	10.55	10.68	3.1	0.0	0.0	1.0	2.0	77.9	SC Menor	1.6	0.2	0.0	**0.16 mm**	30.38 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	0.9	0.0	0.0	0.3	0.6	76.4	SC Menor	0.5	0.0	0.0	**0.05 mm**	15.65 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	1.2	0.0	0.0	0.4	0.8	76.6	SC Menor	0.6	0.1	0.0	**0.06 mm**	18.70 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	1.5	0.0	0.0	0.5	1.0	76.8	SC Menor	0.8	0.1	0.0	**0.08 mm**	21.61 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	1.8	0.0	0.0	0.6	1.2	77.0	SC Menor	1.0	0.1	0.0	**0.10 mm**	24.47 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	2.2	0.0	0.0	0.7	1.4	77.2	SC Menor	1.1	0.1	0.0	**0.11 mm**	27.34 mm
2.0	**2.5**	10.5	164.1	88.3	75.8	10.57	10.55	10.62	2.4	0.0	0.0	0.8	1.6	77.4	SC Menor	1.3	0.1	0.0	**0.13 mm**	29.21 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	0.8	0.0	0.0	0.3	0.5	76.3	SC Menor	0.4	0.0	0.0	**0.04 mm**	15.60 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	1.0	0.0	0.0	0.3	0.7	76.5	SC Menor	0.5	0.1	0.0	**0.05 mm**	18.43 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	1.3	0.0	0.0	0.4	0.8	76.7	SC Menor	0.7	0.1	0.0	**0.07 mm**	21.13 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	1.5	0.0	0.0	0.5	1.0	76.8	SC Menor	0.8	0.1	0.0	**0.08 mm**	23.82 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	1.8	0.0	0.0	0.6	1.2	77.0	SC Menor	1.0	0.1	0.0	**0.10 mm**	26.53 mm
2.0	**2.0**	10.5	164.1	88.3	75.8	10.55	10.55	10.59	2.0	0.0	0.0	0.7	1.4	77.2	SC Menor	1.1	0.1	0.0	**0.11 mm**	28.30 mm

GEOMETRÍA DIMENSIONES					PRESIÓN		PROFUNDIDAD			ESFUERZOS		
B *(m)*	L *(m)*	*B'* (m)	*L'* (m)	Df *(m)*	Q *(KN)*	q_o *(Kpa)*	γ *(Kn/m^3)*	$H_{espesor}$ *(m)*	NAF *(m)*	σv (Kpa)	μ *(Kpa)*	$\sigma'o$ (Kpa)
0.5	**2.5**	0.25	1.25	**0.01**	41	**33.039**	16.41	1.00	1.00	0.16	0.00	0.16
0.5	**2.5**	0.25	1.25	**0.50**	65	**51.614**	16.41	1.00	1.00	8.21	0.00	8.21
0.5	**2.5**	0.25	1.25	**1.00**	83	**66.154**	16.41	1.00	1.00	16.41	0.00	16.41
0.5	**2.5**	0.25	1.25	**1.50**	102	**81.99**	16.41	1.00	1.00	24.62	4.91	19.71
0.5	**2.5**	0.25	1.25	**2.00**	123	**98.099**	16.41	1.00	1.00	32.82	9.81	23.01
0.5	**2.5**	0.25	1.25	**2.50**	143	**114.67**	16.41	1.00	1.00	41.03	14.72	26.31
0.5	**1.3**	0.25	0.63	**0.01**	22	**34.56**	16.41	1.00	1.00	0.16	0.00	0.16
0.5	**1.3**	0.25	0.63	**0.50**	34	**54.134**	16.41	1.00	1.00	8.21	0.00	8.21
0.5	**1.3**	0.25	0.63	**1.00**	43	**69.347**	16.41	1.00	1.00	16.41	0.00	16.41
0.5	**1.3**	0.25	0.63	**1.50**	54	**85.92**	16.41	1.00	1.00	24.62	4.91	19.71
0.5	**1.3**	0.25	0.63	**2.00**	64	**102.76**	16.41	1.00	1.00	32.82	9.81	23.01
0.5	**1.3**	0.25	0.63	**2.50**	75	**120.08**	16.41	1.00	1.00	41.03	14.72	26.31
0.5	**0.8**	0.25	0.42	**0.01**	15	**36.08**	16.41	1.00	1.00	0.16	0.00	0.16
0.5	**0.8**	0.25	0.42	**0.50**	24	**56.654**	16.41	1.00	1.00	8.21	0.00	8.21
0.5	**0.8**	0.25	0.42	**1.00**	30	**72.541**	16.41	1.00	1.00	16.41	0.00	16.41
0.5	**0.8**	0.25	0.42	**1.50**	37	**89.851**	16.41	1.00	1.00	24.62	4.91	19.71
0.5	**0.8**	0.25	0.42	**2.00**	45	**107.43**	16.41	1.00	1.00	32.82	9.81	23.01
0.5	**0.8**	0.25	0.42	**2.50**	52	**125.49**	16.41	1.00	1.00	41.03	14.72	26.31
0.5	**0.6**	0.25	0.31	**0.01**	12	**37.601**	16.41	1.00	1.00	0.16	0.00	0.16
0.5	**0.6**	0.25	0.31	**0.50**	18	**59.175**	16.41	1.00	1.00	8.21	0.00	8.21
0.5	**0.6**	0.25	0.31	**1.00**	24	**75.734**	16.41	1.00	1.00	16.41	0.00	16.41
0.5	**0.6**	0.25	0.31	**1.50**	29	**93.782**	16.41	1.00	1.00	24.62	4.91	19.71
0.5	**0.6**	0.25	0.31	**2.00**	35	**112.09**	16.41	1.00	1.00	32.82	9.81	23.01
0.5	**0.6**	0.25	0.31	**2.50**	41	**130.89**	16.41	1.00	1.00	41.03	14.72	26.31
0.5	**0.5**	0.25	0.25	**0.01**	10	**41.432**	16.41	1.00	1.00	0.16	0.00	0.16
0.5	**0.5**	0.25	0.25	**0.50**	16	**64.006**	16.41	1.00	1.00	8.21	0.00	8.21
0.5	**0.5**	0.25	0.25	**1.00**	20	**81.239**	16.41	1.00	1.00	16.41	0.00	16.41
0.5	**0.5**	0.25	0.25	**1.50**	25	**100.02**	16.41	1.00	1.00	24.62	4.91	19.71
0.5	**0.5**	0.25	0.25	**2.00**	30	**119.06**	16.41	1.00	1.00	32.82	9.81	23.01
0.5	**0.5**	0.25	0.25	**2.50**	35	**138.61**	16.41	1.00	1.00	41.03	14.72	26.31

GEOMETRÍA		ELÁ														
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	q_o (Kpa)	I_1	I_2
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	9.4	2.4	0.2	4.0	5.4	5.4	0.479	0.121
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	14.7	3.8	0.3	6.3	8.4	8.4	0.479	0.121
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	18.8	4.9	0.4	8.0	10.8	10.8	0.479	0.121
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	23.3	6.0	0.5	9.9	13.4	13.4	0.479	0.121
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	27.9	7.2	0.6	11.9	16.0	16.0	0.479	0.121
0.5	**2.5**	1.0	16.4	0.0	16.4	1.60	1.03	1.62	32.7	8.4	0.7	13.9	18.7	18.7	0.479	0.121
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	7.6	0.8	0.2	2.8	4.7	4.7	0.484	0.082
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	11.9	1.2	0.2	4.4	7.4	7.4	0.484	0.082
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	15.2	1.6	0.3	5.7	9.5	9.5	0.484	0.082
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	18.8	2.0	0.4	7.1	11.8	11.8	0.484	0.082
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	22.5	2.3	0.5	8.4	14.1	14.1	0.484	0.082
0.5	**1.3**	1.0	16.4	0.0	16.4	1.18	1.03	1.21	26.3	2.7	0.5	9.9	16.5	16.5	0.484	0.082
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	6.0	0.3	0.1	2.1	3.9	3.9	0.464	0.059
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	9.4	0.5	0.2	3.4	6.1	6.1	0.464	0.059
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	12.1	0.6	0.2	4.3	7.8	7.8	0.464	0.059
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	15.0	0.8	0.3	5.3	9.6	9.6	0.464	0.059
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	17.9	0.9	0.4	6.4	11.5	11.5	0.464	0.059
0.5	**0.8**	1.0	16.4	0.0	16.4	1.08	1.03	1.11	20.9	1.1	0.4	7.5	13.4	13.4	0.464	0.059
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	4.9	0.2	0.1	1.7	3.2	3.2	0.436	0.046
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	7.8	0.2	0.2	2.7	5.1	5.1	0.436	0.046
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	10.0	0.3	0.2	3.5	6.5	6.5	0.436	0.046
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	12.3	0.4	0.2	4.3	8.0	8.0	0.436	0.046
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	14.8	0.5	0.3	5.2	9.6	9.6	0.436	0.046
0.5	**0.6**	1.0	16.4	0.0	16.4	1.05	1.03	1.08	17.2	0.5	0.3	6.0	11.2	11.2	0.436	0.046
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	4.5	0.1	0.1	1.6	2.9	2.9	0.408	0.037
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	6.9	0.1	0.1	2.4	4.5	4.5	0.408	0.037
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	8.8	0.2	0.2	3.0	5.7	5.7	0.408	0.037
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	10.8	0.2	0.2	3.7	7.1	7.1	0.408	0.037
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	12.9	0.3	0.3	4.5	8.4	8.4	0.408	0.037
0.5	**0.5**	1.0	16.4	0.0	16.4	1.03	1.03	1.06	15.0	0.3	0.3	5.2	9.8	9.8	0.408	0.037

GEOMETRÍA STICOS																			
B *(m)*	L *(m)*	*R*	B_1	B_2	B_3	B_4	B_5	R_1	R_2	R_3	R_4	Y_1	Y_2	Y_3	Y_4	Y_5	I_f	I_S	ΔH
0.5	**2.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	2.50	0.50	2.55	2.55	1.43	1.43	0.00	0.00	0.03	0.996	0.548	**0.84 mm**
0.5	**2.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	2.69	1.12	2.74	2.55	1.43	1.07	0.32	0.06	0.43	0.780	0.548	**1.03 mm**
0.5	**2.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	3.20	2.06	3.24	2.55	1.43	0.78	0.34	0.07	0.38	0.675	0.548	**1.15 mm**
0.5	**2.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.91	3.04	3.94	2.55	1.43	0.60	0.29	0.07	0.32	0.620	0.548	**1.30 mm**
0.5	**2.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.72	4.03	4.74	2.55	1.43	0.49	0.25	0.06	0.26	0.585	0.548	**1.47 mm**
0.5	**2.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.59	5.02	5.61	2.55	1.43	0.40	0.22	0.05	0.22	0.563	0.548	**1.66 mm**
0.5	**1.3**	0.0	1.8	2.12	-0.48	-0.52	-0.64	1.25	0.50	1.35	1.35	1.12	1.12	0.00	0.00	0.03	0.995	0.531	**0.72 mm**
0.5	**1.3**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.60	1.12	1.68	1.35	1.12	0.75	0.31	0.07	0.36	0.728	0.531	**0.82 mm**
0.5	**1.3**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.36	2.06	2.41	1.35	1.12	0.48	0.25	0.06	0.26	0.620	0.531	**0.90 mm**
0.5	**1.3**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.25	3.04	3.29	1.35	1.12	0.34	0.19	0.05	0.19	0.571	0.531	**1.02 mm**
0.5	**1.3**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.19	4.03	4.22	1.35	1.12	0.26	0.15	0.04	0.15	0.545	0.531	**1.17 mm**
0.5	**1.3**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.15	5.02	5.18	1.35	1.12	0.21	0.12	0.03	0.12	0.528	0.531	**1.32 mm**
0.5	**0.8**	0.0	1.8	2.12	-0.48	-0.52	-0.64	0.83	0.50	0.97	0.97	0.94	0.94	0.00	0.00	0.03	0.994	0.498	**0.55 mm**
0.5	**0.8**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.30	1.12	1.39	0.97	0.94	0.57	0.27	0.06	0.29	0.693	0.498	**0.60 mm**
0.5	**0.8**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.17	2.06	2.22	0.97	0.94	0.34	0.18	0.04	0.19	0.591	0.498	**0.65 mm**
0.5	**0.8**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.11	3.04	3.15	0.97	0.94	0.23	0.13	0.03	0.13	0.549	0.498	**0.75 mm**
0.5	**0.8**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.09	4.03	4.12	0.97	0.94	0.18	0.10	0.02	0.10	0.527	0.498	**0.86 mm**
0.5	**0.8**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.07	5.02	5.09	0.97	0.94	0.14	0.08	0.02	0.08	0.514	0.498	**0.98 mm**
0.5	**0.6**	0.0	1.8	2.12	-0.48	-0.52	-0.64	0.63	0.50	0.80	0.80	0.83	0.83	0.00	0.00	0.03	0.993	0.462	**0.42 mm**
0.5	**0.6**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.18	1.12	1.28	0.80	0.83	0.46	0.22	0.05	0.24	0.668	0.462	**0.45 mm**
0.5	**0.6**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.10	2.06	2.15	0.80	0.83	0.26	0.14	0.03	0.14	0.573	0.462	**0.49 mm**
0.5	**0.6**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.06	3.04	3.10	0.80	0.83	0.18	0.10	0.02	0.10	0.537	0.462	**0.57 mm**
0.5	**0.6**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.05	4.03	4.08	0.80	0.83	0.13	0.08	0.02	0.08	0.518	0.462	**0.66 mm**
0.5	**0.6**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.04	5.02	5.06	0.80	0.83	0.11	0.06	0.02	0.06	0.506	0.462	**0.75 mm**
0.5	**0.5**	0.0	1.8	2.12	-0.48	-0.52	-0.64	0.50	0.50	0.71	0.71	0.74	0.74	0.00	0.00	0.03	0.992	0.430	**0.36 mm**
0.5	**0.5**	1.0	1.8	2.12	-0.48	-0.52	-0.64	1.12	1.12	1.22	0.71	0.74	0.38	0.19	0.05	0.20	0.650	0.430	**0.36 mm**
0.5	**0.5**	2.0	1.8	2.12	-0.48	-0.52	-0.64	2.06	2.06	2.12	0.71	0.74	0.21	0.12	0.03	0.12	0.562	0.430	**0.40 mm**
0.5	**0.5**	3.0	1.8	2.12	-0.48	-0.52	-0.64	3.04	3.04	3.08	0.71	0.74	0.14	0.08	0.02	0.08	0.529	0.430	**0.46 mm**
0.5	**0.5**	4.0	1.8	2.12	-0.48	-0.52	-0.64	4.03	4.03	4.06	0.71	0.74	0.11	0.06	0.02	0.06	0.512	0.430	**0.53 mm**
0.5	**0.5**	5.0	1.8	2.12	-0.48	-0.52	-0.64	5.02	5.02	5.05	0.71	0.74	0.09	0.05	0.01	0.05	0.501	0.430	**0.60 mm**

GEOMETRÍA						CAPA 1													
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	9.4	2.4	0.2	4.0	5.4	13.6	SC Menor	30.8	3.1	0.0	**3.08 mm**
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	14.7	3.8	0.3	6.3	8.4	16.6	SC Menor	43.1	4.3	0.0	**4.31 mm**
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	18.8	4.9	0.4	8.0	10.8	19.0	SC Menor	51.2	5.1	0.0	**5.12 mm**
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	23.3	6.0	0.5	9.9	13.4	21.6	SC Menor	59.0	5.9	0.0	**5.90 mm**
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	27.9	7.2	0.6	11.9	16.0	24.2	SC Menor	66.0	6.6	0.0	**6.60 mm**
0.5	**2.5**	1.0	8.2	0.0	8.2	1.60	1.03	1.62	32.7	8.4	0.7	13.9	18.7	27.0	SC Menor	72.5	7.2	0.0	**7.25 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	7.6	0.8	0.2	2.8	4.7	12.9	SC Menor	27.8	2.8	0.0	**2.78 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	11.9	1.2	0.2	4.4	7.4	15.6	SC Menor	39.2	3.9	0.0	**3.92 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	15.2	1.6	0.3	5.7	9.5	17.7	SC Menor	46.9	4.7	0.0	**4.69 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	18.8	2.0	0.4	7.1	11.8	20.0	SC Menor	54.2	5.4	0.0	**5.42 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	22.5	2.3	0.5	8.4	14.1	22.3	SC Menor	60.9	6.1	0.0	**6.09 mm**
0.5	**1.3**	1.0	8.2	0.0	8.2	1.18	1.03	1.21	26.3	2.7	0.5	9.9	16.5	24.7	SC Menor	67.0	6.7	0.0	**6.70 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	6.0	0.3	0.1	2.1	3.9	12.1	SC Menor	23.5	2.3	0.0	**2.35 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	9.4	0.5	0.2	3.4	6.1	14.3	SC Menor	33.7	3.4	0.0	**3.37 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	12.1	0.6	0.2	4.3	7.8	16.0	SC Menor	40.6	4.1	0.0	**4.06 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	15.0	0.8	0.3	5.3	9.6	17.8	SC Menor	47.2	4.7	0.0	**4.72 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	17.9	0.9	0.4	6.4	11.5	19.7	SC Menor	53.3	5.3	0.0	**5.33 mm**
0.5	**0.8**	1.0	8.2	0.0	8.2	1.08	1.03	1.11	20.9	1.1	0.4	7.5	13.4	21.6	SC Menor	59.0	5.9	0.0	**5.90 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	4.9	0.2	0.1	1.7	3.2	11.4	SC Menor	20.1	2.0	0.0	**2.01 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	7.8	0.2	0.2	2.7	5.1	13.3	SC Menor	29.3	2.9	0.0	**2.93 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	10.0	0.3	0.2	3.5	6.5	14.7	SC Menor	35.5	3.5	0.0	**3.55 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	12.3	0.4	0.2	4.3	8.0	16.2	SC Menor	41.5	4.2	0.0	**4.15 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	14.8	0.5	0.3	5.2	9.6	17.8	SC Menor	47.2	4.7	0.0	**4.72 mm**
0.5	**0.6**	1.0	8.2	0.0	8.2	1.05	1.03	1.08	17.2	0.5	0.3	6.0	11.2	19.4	SC Menor	52.4	5.2	0.0	**5.24 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	4.5	0.1	0.1	1.6	2.9	11.1	SC Menor	18.6	1.9	0.0	**1.86 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	6.9	0.1	0.1	2.4	4.5	12.7	SC Menor	26.7	2.7	0.0	**2.67 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	8.8	0.2	0.2	3.0	5.7	13.9	SC Menor	32.3	3.2	0.0	**3.23 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	10.8	0.2	0.2	3.7	7.1	15.3	SC Menor	37.8	3.8	0.0	**3.78 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	12.9	0.3	0.3	4.5	8.4	16.6	SC Menor	43.0	4.3	0.0	**4.30 mm**
0.5	**0.5**	1.0	8.2	0.0	8.2	1.03	1.03	1.06	15.0	0.3	0.3	5.2	9.8	18.0	SC Menor	47.8	4.8	0.0	**4.78 mm**

GEOMETRÍA		CAPA 2																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	3.7	0.4	0.0	1.4	2.4	22.1	SC Menor	6.9 mm	0.7 mm	0.0 mm	**0.69 mm**
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	5.8	0.6	0.0	2.2	3.7	23.4	SC Menor	10.5 mm	1.0 mm	0.0 mm	**1.05 mm**
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	7.5	0.8	0.0	2.8	4.7	24.4	SC Menor	13.1 mm	1.3 mm	0.0 mm	**1.31 mm**
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	9.3	1.0	0.0	3.4	5.9	25.6	SC Menor	15.9 mm	1.6 mm	0.0 mm	**1.59 mm**
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	11.1	1.1	0.1	4.1	7.0	26.7	SC Menor	18.5 mm	1.9 mm	0.0 mm	**1.85 mm**
0.5	**2.5**	2.0	24.6	4.9	19.7	2.36	2.02	2.37	13.0	1.3	0.1	4.8	8.2	27.9	SC Menor	21.2 mm	2.1 mm	0.0 mm	**2.12 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	2.4	0.1	0.0	0.8	1.5	21.3	SC Menor	4.6 mm	0.5 mm	0.0 mm	**0.46 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	3.7	0.1	0.0	1.3	2.4	22.1	SC Menor	7.1 mm	0.7 mm	0.0 mm	**0.71 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	4.7	0.1	0.0	1.6	3.1	22.8	SC Menor	8.9 mm	0.9 mm	0.0 mm	**0.89 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	5.9	0.2	0.0	2.0	3.8	23.5	SC Menor	10.8 mm	1.1 mm	0.0 mm	**1.08 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	7.0	0.2	0.0	2.4	4.6	24.3	SC Menor	12.8 mm	1.3 mm	0.0 mm	**1.28 mm**
0.5	**1.3**	2.0	24.6	4.9	19.7	2.10	2.02	2.11	8.2	0.3	0.0	2.8	5.4	25.1	SC Menor	14.7 mm	1.5 mm	0.0 mm	**1.47 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	1.7	0.0	0.0	0.6	1.1	20.8	SC Menor	3.4 mm	0.3 mm	0.0 mm	**0.34 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	2.7	0.0	0.0	0.9	1.8	21.5	SC Menor	5.2 mm	0.5 mm	0.0 mm	**0.52 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	3.4	0.0	0.0	1.2	2.3	22.0	SC Menor	6.6 mm	0.7 mm	0.0 mm	**0.66 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	4.3	0.1	0.0	1.4	2.8	22.5	SC Menor	8.1 mm	0.8 mm	0.0 mm	**0.81 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	5.1	0.1	0.0	1.7	3.4	23.1	SC Menor	9.6 mm	1.0 mm	0.0 mm	**0.96 mm**
0.5	**0.8**	2.0	24.6	4.9	19.7	2.04	2.02	2.06	5.9	0.1	0.0	2.0	3.9	23.6	SC Menor	11.1 mm	1.1 mm	0.0 mm	**1.11 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	1.4	0.0	0.0	0.5	0.9	20.6	SC Menor	2.7 mm	0.3 mm	0.0 mm	**0.27 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	2.1	0.0	0.0	0.7	1.4	21.1	SC Menor	4.2 mm	0.4 mm	0.0 mm	**0.42 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	2.7	0.0	0.0	0.9	1.8	21.5	SC Menor	5.4 mm	0.5 mm	0.0 mm	**0.54 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	3.4	0.0	0.0	1.1	2.2	22.0	SC Menor	6.6 mm	0.7 mm	0.0 mm	**0.66 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	4.0	0.0	0.0	1.4	2.7	22.4	SC Menor	7.8 mm	0.8 mm	0.0 mm	**0.78 mm**
0.5	**0.6**	2.0	24.6	4.9	19.7	2.02	2.02	2.04	4.7	0.0	0.0	1.6	3.1	22.8	SC Menor	9.0 mm	0.9 mm	0.0 mm	**0.90 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	1.2	0.0	0.0	0.4	0.8	20.5	SC Menor	2.4 mm	0.2 mm	0.0 mm	**0.24 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	1.9	0.0	0.0	0.6	1.2	20.9	SC Menor	3.7 mm	0.4 mm	0.0 mm	**0.37 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	2.4	0.0	0.0	0.8	1.6	21.3	SC Menor	4.7 mm	0.5 mm	0.0 mm	**0.47 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	2.9	0.0	0.0	1.0	1.9	21.6	SC Menor	5.7 mm	0.6 mm	0.0 mm	**0.57 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	3.5	0.0	0.0	1.2	2.3	22.0	SC Menor	6.7 mm	0.7 mm	0.0 mm	**0.67 mm**
0.5	**0.5**	2.0	24.6	4.9	19.7	2.02	2.02	2.03	4.0	0.0	0.0	1.4	2.7	22.4	SC Menor	7.8 mm	0.8 mm	0.0 mm	**0.78 mm**

GEOMETRÍA		CAPA 3																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	1.9	0.1	0.0	0.7	1.2	27.6	SC Menor	2.8 mm	0.3 mm	0.0 mm	**0.28 mm**
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	3.0	0.2	0.0	1.0	1.9	28.2	SC Menor	4.3 mm	0.4 mm	0.0 mm	**0.43 mm**
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	3.8	0.2	0.0	1.3	2.5	28.8	SC Menor	5.5 mm	0.5 mm	0.0 mm	**0.55 mm**
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	4.7	0.2	0.0	1.7	3.1	29.4	SC Menor	6.7 mm	0.7 mm	0.0 mm	**0.67 mm**
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	5.7	0.3	0.0	2.0	3.7	30.0	SC Menor	8.0 mm	0.8 mm	0.0 mm	**0.80 mm**
0.5	**2.5**	3.0	41.0	14.7	26.3	3.25	3.01	3.26	6.6	0.3	0.0	2.3	4.3	30.6	SC Menor	9.2 mm	0.9 mm	0.0 mm	**0.92 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	1.1	0.0	0.0	0.4	0.7	27.0	SC Menor	1.7 mm	0.2 mm	0.0 mm	**0.17 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	1.7	0.0	0.0	0.6	1.1	27.4	SC Menor	2.6 mm	0.3 mm	0.0 mm	**0.26 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	2.2	0.0	0.0	0.7	1.5	27.8	SC Menor	3.3 mm	0.3 mm	0.0 mm	**0.33 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	2.7	0.0	0.0	0.9	1.8	28.1	SC Menor	4.0 mm	0.4 mm	0.0 mm	**0.40 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	3.3	0.0	0.0	1.1	2.2	28.5	SC Menor	4.8 mm	0.5 mm	0.0 mm	**0.48 mm**
0.5	**1.3**	3.0	41.0	14.7	26.3	3.06	3.01	3.07	3.8	0.1	0.0	1.3	2.5	28.8	SC Menor	5.6 mm	0.6 mm	0.0 mm	**0.56 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	0.8	0.0	0.0	0.3	0.5	26.8	SC Menor	1.2 mm	0.1 mm	0.0 mm	**0.12 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	1.2	0.0	0.0	0.4	0.8	27.1	SC Menor	1.9 mm	0.2 mm	0.0 mm	**0.19 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	1.6	0.0	0.0	0.5	1.0	27.4	SC Menor	2.4 mm	0.2 mm	0.0 mm	**0.24 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	1.9	0.0	0.0	0.7	1.3	27.6	SC Menor	2.9 mm	0.3 mm	0.0 mm	**0.29 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	2.3	0.0	0.0	0.8	1.5	27.9	SC Menor	3.5 mm	0.3 mm	0.0 mm	**0.35 mm**
0.5	**0.8**	3.0	41.0	14.7	26.3	3.03	3.01	3.04	2.7	0.0	0.0	0.9	1.8	28.1	SC Menor	4.0 mm	0.4 mm	0.0 mm	**0.40 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	0.6	0.0	0.0	0.2	0.4	26.7	SC Menor	0.9 mm	0.1 mm	0.0 mm	**0.09 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	1.0	0.0	0.0	0.3	0.6	27.0	SC Menor	1.5 mm	0.1 mm	0.0 mm	**0.15 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	1.2	0.0	0.0	0.4	0.8	27.1	SC Menor	1.9 mm	0.2 mm	0.0 mm	**0.19 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	1.5	0.0	0.0	0.5	1.0	27.3	SC Menor	2.3 mm	0.2 mm	0.0 mm	**0.23 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	1.8	0.0	0.0	0.6	1.2	27.5	SC Menor	2.8 mm	0.3 mm	0.0 mm	**0.28 mm**
0.5	**0.6**	3.0	41.0	14.7	26.3	3.02	3.01	3.03	2.1	0.0	0.0	0.7	1.4	27.7	SC Menor	3.2 mm	0.3 mm	0.0 mm	**0.32 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	0.5	0.0	0.0	0.2	0.4	26.7	SC Menor	0.8 mm	0.1 mm	0.0 mm	**0.08 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	0.8	0.0	0.0	0.3	0.6	26.9	SC Menor	1.3 mm	0.1 mm	0.0 mm	**0.13 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	1.1	0.0	0.0	0.4	0.7	27.0	SC Menor	1.6 mm	0.2 mm	0.0 mm	**0.16 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	1.3	0.0	0.0	0.4	0.9	27.2	SC Menor	2.0 mm	0.2 mm	0.0 mm	**0.20 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	1.6	0.0	0.0	0.5	1.0	27.3	SC Menor	2.4 mm	0.2 mm	0.0 mm	**0.24 mm**
0.5	**0.5**	3.0	41.0	14.7	26.3	3.01	3.01	3.02	1.8	0.0	0.0	0.6	1.2	27.5	SC Menor	2.7 mm	0.3 mm	0.0 mm	**0.27 mm**

GEOMETRÍA		CAPA 4																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	1.1	0.0	0.0	0.4	0.7	33.7	SC Menor	1.4	0.1	0.0	**0.14 mm**
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	1.8	0.1	0.0	0.6	1.2	34.1	SC Menor	2.1	0.2	0.0	**0.21 mm**
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	2.3	0.1	0.0	0.8	1.5	34.4	SC Menor	2.7	0.3	0.0	**0.27 mm**
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	2.8	0.1	0.0	1.0	1.9	34.8	SC Menor	3.3	0.3	0.0	**0.33 mm**
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	3.4	0.1	0.0	1.2	2.2	35.1	SC Menor	4.0	0.4	0.0	**0.40 mm**
0.5	**2.5**	4.0	57.4	24.5	32.9	4.19	4.01	4.20	3.9	0.1	0.0	1.4	2.6	35.5	SC Menor	4.6	0.5	0.0	**0.46 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	0.6	0.0	0.0	0.2	0.4	33.3	SC Menor	0.8	0.1	0.0	**0.08 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	1.0	0.0	0.0	0.3	0.7	33.6	SC Menor	1.2	0.1	0.0	**0.12 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	1.3	0.0	0.0	0.4	0.8	33.7	SC Menor	1.5	0.2	0.0	**0.15 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	1.6	0.0	0.0	0.5	1.0	33.9	SC Menor	1.9	0.2	0.0	**0.19 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	1.9	0.0	0.0	0.6	1.2	34.2	SC Menor	2.3	0.2	0.0	**0.23 mm**
0.5	**1.3**	4.0	57.4	24.5	32.9	4.05	4.01	4.06	2.2	0.0	0.0	0.7	1.5	34.4	SC Menor	2.6	0.3	0.0	**0.26 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	0.4	0.0	0.0	0.1	0.3	33.2	SC Menor	0.5	0.1	0.0	**0.05 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	0.7	0.0	0.0	0.2	0.5	33.4	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	0.9	0.0	0.0	0.3	0.6	33.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	1.1	0.0	0.0	0.4	0.7	33.6	SC Menor	1.3	0.1	0.0	**0.13 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	1.3	0.0	0.0	0.4	0.9	33.8	SC Menor	1.6	0.2	0.0	**0.16 mm**
0.5	**0.8**	4.0	57.4	24.5	32.9	4.02	4.01	4.03	1.5	0.0	0.0	0.5	1.0	33.9	SC Menor	1.9	0.2	0.0	**0.19 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.3	0.0	0.0	0.1	0.2	33.1	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.5	0.0	0.0	0.2	0.4	33.3	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.7	0.0	0.0	0.2	0.5	33.4	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.9	0.0	0.0	0.3	0.6	33.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	1.0	0.0	0.0	0.3	0.7	33.6	SC Menor	1.3	0.1	0.0	**0.13 mm**
0.5	**0.6**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	1.2	0.0	0.0	0.4	0.8	33.7	SC Menor	1.5	0.1	0.0	**0.15 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.3	0.0	0.0	0.1	0.2	33.1	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.5	0.0	0.0	0.2	0.3	33.2	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.6	0.0	0.0	0.2	0.4	33.3	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.7	0.0	0.0	0.2	0.5	33.4	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	0.9	0.0	0.0	0.3	0.6	33.5	SC Menor	1.1	0.1	0.0	**0.11 mm**
0.5	**0.5**	4.0	57.4	24.5	32.9	4.01	4.01	4.02	1.0	0.0	0.0	0.3	0.7	33.6	SC Menor	1.3	0.1	0.0	**0.13 mm**

GEOMETRÍA		CAPA 5																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	0.7	0.0	0.0	0.3	0.5	40.0	SC Menor	0.8	0.1	0.0	**0.08 mm**
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	1.2	0.0	0.0	0.4	0.8	40.3	SC Menor	1.2	0.1	0.0	**0.12 mm**
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	1.5	0.0	0.0	0.5	1.0	40.5	SC Menor	1.5	0.2	0.0	**0.15 mm**
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	1.9	0.0	0.0	0.6	1.2	40.7	SC Menor	1.9	0.2	0.0	**0.19 mm**
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	2.2	0.0	0.0	0.8	1.5	41.0	SC Menor	2.2	0.2	0.0	**0.22 mm**
0.5	**2.5**	5.0	73.8	34.3	39.5	5.15	5.01	5.16	2.6	0.1	0.0	0.9	1.7	41.2	SC Menor	2.6	0.3	0.0	**0.26 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	0.4	0.0	0.0	0.1	0.3	39.8	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	0.6	0.0	0.0	0.2	0.4	39.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	0.8	0.0	0.0	0.3	0.5	40.1	SC Menor	0.8	0.1	0.0	**0.08 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	1.0	0.0	0.0	0.3	0.7	40.2	SC Menor	1.0	0.1	0.0	**0.10 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	1.2	0.0	0.0	0.4	0.8	40.3	SC Menor	1.2	0.1	0.0	**0.12 mm**
0.5	**1.3**	5.0	73.8	34.3	39.5	5.04	5.01	5.05	1.4	0.0	0.0	0.5	0.9	40.4	SC Menor	1.4	0.1	0.0	**0.14 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	0.3	0.0	0.0	0.1	0.2	39.7	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	0.4	0.0	0.0	0.1	0.3	39.8	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	0.6	0.0	0.0	0.2	0.4	39.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	0.7	0.0	0.0	0.2	0.5	40.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	0.8	0.0	0.0	0.3	0.6	40.1	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**0.8**	5.0	73.8	34.3	39.5	5.02	5.01	5.02	1.0	0.0	0.0	0.3	0.7	40.2	SC Menor	1.0	0.1	0.0	**0.10 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.2	0.0	0.0	0.1	0.1	39.7	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.4	0.0	0.0	0.1	0.2	39.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.4	0.0	0.0	0.2	0.3	39.8	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.6	0.0	0.0	0.2	0.4	39.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.7	0.0	0.0	0.2	0.4	40.0	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**0.6**	5.0	73.8	34.3	39.5	5.01	5.01	5.02	0.8	0.0	0.0	0.3	0.5	40.0	SC Menor	0.8	0.1	0.0	**0.08 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.2	0.0	0.0	0.1	0.1	39.6	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.3	0.0	0.0	0.1	0.2	39.7	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.4	0.0	0.0	0.1	0.3	39.8	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.5	0.0	0.0	0.2	0.3	39.8	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.6	0.0	0.0	0.2	0.4	39.9	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.5**	5.0	73.8	34.3	39.5	5.01	5.01	5.01	0.7	0.0	0.0	0.2	0.4	39.9	SC Menor	0.7	0.1	0.0	**0.07 mm**

GEOMETRÍA		CAPA 6																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	0.5	0.0	0.0	0.2	0.3	46.5	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	0.8	0.0	0.0	0.3	0.5	46.7	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	1.1	0.0	0.0	0.4	0.7	46.8	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	1.3	0.0	0.0	0.4	0.9	47.0	SC Menor	1.1	0.1	0.0	**0.11 mm**
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	1.6	0.0	0.0	0.5	1.0	47.1	SC Menor	1.4	0.1	0.0	**0.14 mm**
0.5	**2.5**	6.0	90.3	44.1	46.1	6.13	6.01	6.13	1.8	0.0	0.0	0.6	1.2	47.3	SC Menor	1.6	0.2	0.0	**0.16 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	0.3	0.0	0.0	0.1	0.2	46.3	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	0.4	0.0	0.0	0.1	0.3	46.4	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	0.6	0.0	0.0	0.2	0.4	46.5	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	0.7	0.0	0.0	0.2	0.5	46.6	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	0.8	0.0	0.0	0.3	0.6	46.7	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**1.3**	6.0	90.3	44.1	46.1	6.03	6.01	6.04	1.0	0.0	0.0	0.3	0.7	46.8	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.2	0.0	0.0	0.1	0.1	46.2	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.3	0.0	0.0	0.1	0.2	46.3	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.4	0.0	0.0	0.1	0.3	46.4	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.5	0.0	0.0	0.2	0.3	46.4	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.6	0.0	0.0	0.2	0.4	46.5	SC Menor	0.5	0.1	0.0	**0.05 mm**
0.5	**0.8**	6.0	90.3	44.1	46.1	6.01	6.01	6.02	0.7	0.0	0.0	0.2	0.5	46.6	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.2	0.0	0.0	0.1	0.1	46.2	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.2	0.0	0.0	0.1	0.2	46.3	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.3	0.0	0.0	0.1	0.2	46.3	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.4	0.0	0.0	0.1	0.3	46.4	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.5	0.0	0.0	0.2	0.3	46.4	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.6**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.5	0.0	0.0	0.2	0.4	46.5	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.1	0.0	0.0	0.0	0.1	46.2	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.2	0.0	0.0	0.1	0.1	46.3	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.3	0.0	0.0	0.1	0.2	46.3	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.3	0.0	0.0	0.1	0.2	46.3	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.4	0.0	0.0	0.1	0.3	46.4	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.5**	6.0	90.3	44.1	46.1	6.01	6.01	6.01	0.5	0.0	0.0	0.2	0.3	46.4	SC Menor	0.4	0.0	0.0	**0.04 mm**

GEOMETRÍA		CAPA 7																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	0.4	0.0	0.0	0.1	0.3	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	0.6	0.0	0.0	0.2	0.4	53.1	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	0.8	0.0	0.0	0.3	0.5	53.2	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	1.0	0.0	0.0	0.3	0.6	53.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	1.2	0.0	0.0	0.4	0.8	53.5	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**2.5**	7.0	106.7	54.0	52.7	7.11	7.00	7.12	1.4	0.0	0.0	0.5	0.9	53.6	SC Menor	1.0	0.1	0.0	**0.10 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.2	0.0	0.0	0.1	0.1	52.8	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.4	0.0	0.0	0.1	0.3	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.5	0.0	0.0	0.2	0.3	53.1	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.6	0.0	0.0	0.2	0.4	53.1	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**1.3**	7.0	106.7	54.0	52.7	7.03	7.00	7.03	0.7	0.0	0.0	0.2	0.5	53.2	SC Menor	0.6	0.1	0.0	**0.06 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.1	0.0	0.0	0.0	0.1	52.8	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.2	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.4	0.0	0.0	0.1	0.2	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.4	0.0	0.0	0.1	0.3	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	7.0	106.7	54.0	52.7	7.01	7.00	7.02	0.5	0.0	0.0	0.2	0.3	53.0	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.1	0.0	0.0	0.0	0.1	52.8	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.2	0.0	0.0	0.1	0.1	52.8	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.2	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.6**	7.0	106.7	54.0	52.7	7.01	7.00	7.01	0.4	0.0	0.0	0.1	0.3	53.0	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.1	0.0	0.0	0.0	0.1	52.8	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.2	0.0	0.0	0.1	0.1	52.8	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.2	0.0	0.0	0.1	0.1	52.8	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.2	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	7.0	106.7	54.0	52.7	7.00	7.00	7.01	0.3	0.0	0.0	0.1	0.2	52.9	SC Menor	0.3	0.0	0.0	**0.03 mm**

GEOMETRÍA		CAPA 8																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.3	0.0	0.0	0.1	0.2	61.1	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.4	0.0	0.0	0.1	0.3	61.2	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.5	0.0	0.0	0.2	0.4	61.3	SC Menor	0.5	0.1	0.0	**0.05 mm**
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.7	0.0	0.0	0.2	0.4	61.4	SC Menor	0.7	0.1	0.0	**0.07 mm**
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.8	0.0	0.0	0.3	0.5	61.5	SC Menor	0.8	0.1	0.0	**0.08 mm**
0.5	**2.5**	8.5	127.2	66.2	61.0	8.59	8.50	8.60	0.9	0.0	0.0	0.3	0.6	61.6	SC Menor	0.9	0.1	0.0	**0.09 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.1	0.0	0.0	0.0	0.1	61.1	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.3	0.0	0.0	0.1	0.2	61.1	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.4	0.0	0.0	0.1	0.2	61.2	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.4	0.0	0.0	0.1	0.3	61.2	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	8.5	127.2	66.2	61.0	8.52	8.50	8.53	0.5	0.0	0.0	0.2	0.3	61.3	SC Menor	0.5	0.0	0.0	**0.05 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.1	0.0	0.0	0.0	0.1	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.2	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.3	0.0	0.0	0.1	0.2	61.2	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.8**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.3	0.0	0.0	0.1	0.2	61.2	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.1	0.0	0.0	0.0	0.1	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.1	0.0	0.0	0.0	0.1	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.2	0.0	0.0	0.1	0.2	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	8.5	127.2	66.2	61.0	8.51	8.50	8.51	0.3	0.0	0.0	0.1	0.2	61.1	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.1	0.0	0.0	0.0	0.0	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.1	0.0	0.0	0.0	0.1	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.1	0.0	0.0	0.0	0.1	61.0	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.2	0.0	0.0	0.1	0.1	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.5**	8.5	127.2	66.2	61.0	8.50	8.50	8.51	0.2	0.0	0.0	0.1	0.2	61.1	SC Menor	0.2	0.0	0.0	**0.02 mm**

GEOMETRÍA		CAPA 9																	
B *(m)*	L *(m)*	Prof *(m)*	σv *(Kpa)*	μ *(Kpa)*	σ'o *(Kpa)*	R_1	R_2	R_3	Δσz *(Kpa)*	Δσx *(Kpa)*	Δσy *(Kpa)*	Δμ *(Kpa)*	Δσ'v *(Kpa)*	σ'f *(Kpa)*	Caso	ΔH_1	ΔH_2	ΔH_3	ΔH
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.2	0.0	0.0	0.1	0.1	69.4	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.4	0.0	0.0	0.1	0.3	69.5	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.5	0.0	0.0	0.2	0.4	69.6	SC Menor	0.3	0.0	0.0	**0.03 mm**
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.6	0.0	0.0	0.2	0.4	69.6	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**2.5**	9.5	147.7	78.5	69.2	9.58	9.50	9.59	0.7	0.0	0.0	0.3	0.5	69.7	SC Menor	0.4	0.0	0.0	**0.04 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.2	0.0	0.0	0.1	0.2	69.4	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**1.3**	9.5	147.7	78.5	69.2	9.52	9.50	9.52	0.4	0.0	0.0	0.1	0.3	69.5	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.0	0.0	0.0	**0.00 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.2	69.4	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.8**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.3	0.0	0.0	0.1	0.2	69.4	SC Menor	0.2	0.0	0.0	**0.02 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.1	0.0	0.0	0.0	0.0	69.3	SC Menor	0.0	0.0	0.0	**0.00 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.6**	9.5	147.7	78.5	69.2	9.51	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.4	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.1	0.0	0.0	0.0	0.0	69.2	SC Menor	0.0	0.0	0.0	**0.00 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.0	0.0	0.0	**0.00 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.1	0.0	0.0	0.0	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**
0.5	**0.5**	9.5	147.7	78.5	69.2	9.50	9.50	9.51	0.2	0.0	0.0	0.1	0.1	69.3	SC Menor	0.1	0.0	0.0	**0.01 mm**

GEOMETRÍA		CAPA 10																	TOTAL
B *(m)*	L *(m)*	Prof *(m)*	σv (Kpa)	μ *(Kpa)*	σ'o (Kpa)	R_1	R_2	R_3	Δσz (Kpa)	Δσx (Kpa)	Δσy (Kpa)	Δμ (Kpa)	Δσ'v (Kpa)	σ'f (Kpa)	*Caso*	ΔH_1	ΔH_2	ΔH_3	ΔH	
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	5.23 mm
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	7.35 mm
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.4	0.0	0.0	0.1	0.2	76.0	SC Menor	0.2	0.0	0.0	**0.02 mm**	8.80 mm
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.4	0.0	0.0	0.1	0.3	76.1	SC Menor	0.2	0.0	0.0	**0.02 mm**	10.29 mm
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.5	0.0	0.0	0.2	0.3	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	11.71 mm
0.5	**2.5**	10.5	164.1	88.3	75.8	10.57	10.50	10.58	0.6	0.0	0.0	0.2	0.4	76.2	SC Menor	0.3	0.0	0.0	**0.03 mm**	13.09 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.0	0.0	0.0	**0.00 mm**	4.30 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	6.00 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	7.17 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.2	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	8.39 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	9.56 mm
0.5	**1.3**	10.5	164.1	88.3	75.8	10.52	10.50	10.52	0.3	0.0	0.0	0.1	0.2	76.0	SC Menor	0.2	0.0	0.0	**0.02 mm**	10.69 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.1	0.0	0.0	0.0	0.0	75.9	SC Menor	0.0	0.0	0.0	**0.00 mm**	3.48 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	4.88 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	5.87 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	6.90 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	7.89 mm
0.5	**0.8**	10.5	164.1	88.3	75.8	10.51	10.50	10.51	0.2	0.0	0.0	0.1	0.2	76.0	SC Menor	0.1	0.0	0.0	**0.01 mm**	8.85 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.0	75.8	SC Menor	0.0	0.0	0.0	**0.00 mm**	2.91 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.0	0.0	0.0	**0.00 mm**	4.10 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	4.97 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	5.87 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	6.73 mm
0.5	**0.6**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.2	0.0	0.0	0.1	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	7.57 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.0	0.0	0.0	0.0	0.0	75.8	SC Menor	0.0	0.0	0.0	**0.00 mm**	2.63 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.0	75.9	SC Menor	0.0	0.0	0.0	**0.00 mm**	3.67 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.0	0.0	0.0	**0.00 mm**	4.43 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	5.23 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	5.99 mm
0.5	**0.5**	10.5	164.1	88.3	75.8	10.50	10.50	10.51	0.1	0.0	0.0	0.0	0.1	75.9	SC Menor	0.1	0.0	0.0	**0.01 mm**	6.74 mm

ANEXO D

REGISTRO FOTOGRAFICO

ADECUACIÓN DE INFRAESTRUCTURA FÍSICA DE LA CASA DE LA CULTURA DEL MUNICIPIO DE VITERBO, CALDAS

REGISTRO FOTOGRÁFICO

Fotografía 1 ----------1
Fotografía 2 ----------1
Fotografía 3 ----------1
Fotografía 4 ----------1
Fotografía 5 ----------2
Fotografía 6 ----------2
Fotografía 7 ----------2
Fotografía 8 ----------2
Fotografía 9 ----------3
Fotografía 10----------3
Fotografía 11----------3
Fotografía 12----------3
Fotografía 13----------4



Fotografia 1



Fotografia 2



Fotografia 3



Fotografia 4



Fotografía 5



Fotografía 6



Fotografía 7



Fotografía 8



Fotografía 9



Fotografía 10



Fotografía 11



Fotografía 12



Fotografía 13