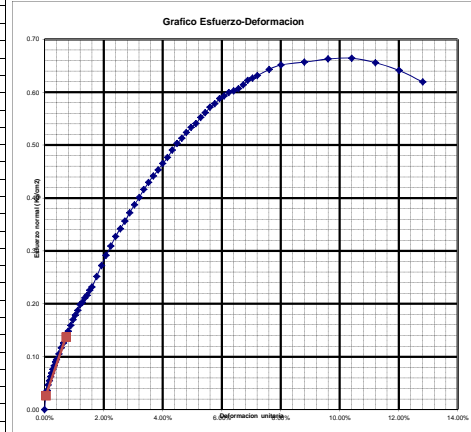
	COMPRESIONES 1	
	Código: FR-IN-09	Versión: 1
Controlado: SI (X) NO ()	Vigencia: 14/06/2016	Página: 1 de 1
PROYECTO: 270-18 JARDIN SANTA TERESITA TIPO DE MUESTRA: SH PROFUNDIDAD: 2.10-2.70		CLIENTE: CONSORCIO C+PU SONDEO: S01 MUESTRA: 4 FECHA: 07/05/2018
LOCALIZACION: JARDIN SANTA TERESITA		

Diametro (cm)	6.02
Arriba (cm)	6.02
Medio (cm)	6.02
Abajo (cm)	6.02
Altura de la muestra (cm)	12.49
1 (cm)	12.49
2 (cm)	12.49

Volumen (cm ³)	355.50
Area Inicial (cm ²)	28.46
Peso de la probeta (gr)	694.80
Peso Humeda (gr/cm ³)	1.95

HUMEDAD Wn		
Recipiente	No.	P44
Peso recipiente	g	56.24
Muestra humeda+recipiente	g	218.49
Muestra seca + recipiente	g	187.4
Muestra humeda	g	162.25
Muestra seca	g	131.16
Humedad	%	23.70%

Lectura del deformimetro	Deformación longitudinal	Carga	Deformación unitaria	Área Corregida	Esfuerzo
,001 mm	mm	Kg	%	cm ²	Kg/cm ²
0	0.00	0.00	0.00%	28.46	0.00
5	0.05	0.76	0.04%	28.47	0.03
10	0.10	1.03	0.08%	28.49	0.04
15	0.15	1.32	0.12%	28.50	0.05
20	0.20	1.56	0.16%	28.51	0.05
25	0.25	1.78	0.20%	28.52	0.06
30	0.30	1.96	0.24%	28.53	0.07
35	0.35	2.17	0.28%	28.54	0.08
40	0.40	2.37	0.32%	28.55	0.08
45	0.45	2.58	0.36%	28.57	0.09
50	0.50	2.69	0.40%	28.58	0.09
60	0.60	3.01	0.48%	28.60	0.11
70	0.70	3.35	0.56%	28.62	0.12
80	0.80	3.61	0.64%	28.65	0.13
90	0.90	3.93	0.72%	28.67	0.14
100	1.00	4.26	0.80%	28.69	0.15
110	1.10	4.57	0.88%	28.72	0.16
120	1.20	4.88	0.96%	28.74	0.17
130	1.30	5.13	1.04%	28.76	0.18
140	1.40	5.39	1.12%	28.79	0.19
150	1.50	5.72	1.20%	28.81	0.20
160	1.60	5.84	1.28%	28.83	0.20
170	1.70	6.10	1.36%	28.86	0.21
180	1.80	6.23	1.44%	28.88	0.22
190	1.90	6.52	1.52%	28.90	0.23
200	2.00	6.70	1.60%	28.93	0.23
220	2.20	7.29	1.76%	28.97	0.25
240	2.40	7.90	1.92%	29.02	0.27
260	2.60	8.47	2.08%	29.07	0.29
280	2.80	9.00	2.24%	29.12	0.31
300	3.00	9.54	2.40%	29.16	0.33
320	3.20	9.99	2.56%	29.21	0.34
340	3.40	10.43	2.72%	29.26	0.36
360	3.60	10.90	2.88%	29.31	0.37
380	3.80	11.37	3.04%	29.36	0.39
400	4.00	11.79	3.20%	29.40	0.40
420	4.20	12.26	3.36%	29.45	0.42
440	4.40	12.67	3.52%	29.50	0.43
460	4.60	13.05	3.68%	29.55	0.44
480	4.80	13.41	3.84%	29.60	0.45
500	5.00	13.80	4.00%	29.65	0.47
520	5.20	14.15	4.16%	29.70	0.48
540	5.40	14.60	4.32%	29.75	0.49
560	5.60	14.99	4.48%	29.80	0.50
580	5.80	15.31	4.64%	29.85	0.51
600	6.00	15.66	4.80%	29.90	0.52
620	6.20	15.97	4.96%	29.95	0.53
640	6.40	16.23	5.12%	30.00	0.54
660	6.60	16.59	5.28%	30.05	0.55
680	6.80	16.89	5.44%	30.10	0.56
700	7.00	17.24	5.60%	30.15	0.57
720	7.20	17.46	5.76%	30.20	0.58
740	7.40	17.78	5.92%	30.26	0.59
760	7.60	17.96	6.08%	30.31	0.59
780	7.80	18.20	6.24%	30.36	0.60
800	8.00	18.33	6.41%	30.41	0.60
820	8.20	18.48	6.57%	30.46	0.61
840	8.40	18.74	6.73%	30.52	0.61
860	8.60	19.03	6.89%	30.57	0.62
880	8.80	19.19	7.05%	30.62	0.63
900	9.00	19.37	7.21%	30.67	0.63
950	9.50	19.81	7.61%	30.81	0.64
1000	10.00	20.16	8.01%	30.94	0.65
1100	11.00	20.50	8.81%	31.21	0.66
1200	12.00	20.87	9.61%	31.49	0.66
1300	13.00	21.10	10.41%	31.77	0.66
1400	14.00	21.02	11.21%	32.06	0.66
1500	15.00	20.74	12.01%	32.35	0.64
1600	16.00	20.22	12.81%	32.65	0.62




Resistencia a la compresion (Kg/cm ²)	0.66
Densidad humedad (g/cm ³)	1.95
Deformacion en la falla (%)	10.41%
Relacion altura diametro	2.07
Humedad (%)	23.70%
Modulo de elasticidad no drenado (Kg/cm ²)	16.22

Laboratorista: JOSE PABUENA

Revisado y Aprobado:


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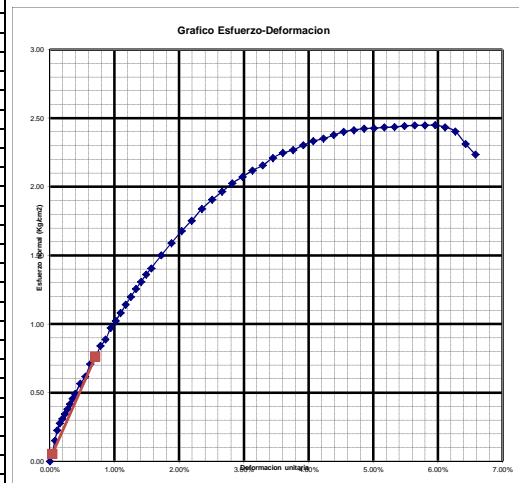
	COMPRESIONES 1 - CLIENTE	
	Código: FR-IN-09	Versión: 1
Controlado: SI (X) NO ()	Vigencia: 14/06/2016	Página: 1 de 1
PROYECTO: 270-18 JARDIN SANTA TERESITA TIPO DE MUESTRA: SH PROFUNDIDAD: 0.50-1.10	LOCALIZACION: JARDIN SANTA TERESITA	CLIENTE: CONSORCIO C+PU SONDEO: S02 MUESTRA: 1 FECHA: 07/05/2018

Diametro (cm)	6.24
Arriba (cm)	6.24
Medio (cm)	6.24
Abajo (cm)	6.24
Altura de la muestra (cm)	12.76
1 (cm)	12.76
2 (cm)	12.76

Volumen (cm ³)	390.22
Area inicial (cm ²)	30.58
Peso de la probeta (gr)	804.90
Peso Humeda (gr/cm ³)	2.06

HUMEDAD Wn		
Recipiente	No.	P25
Peso recipiente	g	57.92
Muestra humeda+recipiente	g	219.48
Muestra seca + recipiente	g	188.57
Muestra humeda	g	161.56
Muestra seca	g	130.65
Humedad	%	23.66%

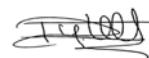
Lectura del deformimetro	Deformación longitudinal	Carga	Deformación unitaria	Área Corregida	Esfuerzo
.001 mm	mm	Kg	%	cm ²	Kg/cm ²
0	0.00	0.00	0.00%	30.58	0.00
5	0.05	1.63	0.04%	30.59	0.05
10	0.10	4.60	0.08%	30.61	0.15
15	0.15	6.89	0.12%	30.62	0.23
20	0.20	8.50	0.16%	30.63	0.28
25	0.25	9.49	0.20%	30.64	0.31
30	0.30	10.58	0.24%	30.65	0.35
35	0.35	11.60	0.27%	30.67	0.38
40	0.40	12.75	0.31%	30.68	0.42
45	0.45	13.98	0.35%	30.69	0.46
50	0.50	15.07	0.39%	30.70	0.49
60	0.60	17.40	0.47%	30.73	0.57
70	0.70	18.96	0.55%	30.75	0.62
80	0.80	21.77	0.63%	30.77	0.71
90	0.90	23.46	0.71%	30.80	0.76
100	1.00	25.89	0.78%	30.82	0.84
110	1.10	27.35	0.86%	30.85	0.89
120	1.20	29.97	0.94%	30.87	0.97
130	1.30	31.59	1.02%	30.90	1.02
140	1.40	33.46	1.10%	30.92	1.08
150	1.50	35.31	1.18%	30.95	1.14
160	1.60	37.10	1.25%	30.97	1.20
170	1.70	38.91	1.33%	30.99	1.26
180	1.80	40.57	1.41%	31.02	1.31
190	1.90	42.26	1.49%	31.04	1.36
200	2.00	43.69	1.57%	31.07	1.41
220	2.20	46.70	1.72%	31.12	1.50
240	2.40	49.56	1.88%	31.17	1.59
260	2.60	52.41	2.04%	31.22	1.68
280	2.80	54.81	2.19%	31.27	1.75
300	3.00	57.61	2.35%	31.32	1.84
320	3.20	59.78	2.51%	31.37	1.91
340	3.40	61.73	2.66%	31.42	1.96
360	3.60	63.76	2.82%	31.47	2.03
380	3.80	65.31	2.98%	31.52	2.07
400	4.00	66.91	3.13%	31.57	2.12
420	4.20	68.18	3.29%	31.62	2.16
440	4.40	70.02	3.45%	31.67	2.21
460	4.60	71.29	3.61%	31.73	2.25
480	4.80	72.10	3.76%	31.78	2.27
500	5.00	73.30	3.92%	31.83	2.30
520	5.20	74.38	4.08%	31.88	2.33
540	5.40	75.07	4.23%	31.93	2.35
560	5.60	76.02	4.39%	31.99	2.38
580	5.80	76.91	4.55%	32.04	2.40
600	6.00	77.45	4.70%	32.09	2.41
620	6.20	77.93	4.86%	32.14	2.42
640	6.40	78.15	5.02%	32.20	2.43
660	6.60	78.46	5.17%	32.25	2.43
680	6.80	78.70	5.33%	32.30	2.44
700	7.00	79.07	5.49%	32.36	2.44
720	7.20	79.32	5.64%	32.41	2.45
740	7.40	79.49	5.80%	32.46	2.45
760	7.60	79.66	5.96%	32.52	2.45
780	7.80	79.28	6.11%	32.57	2.43
800	8.00	78.44	6.27%	32.63	2.40
820	8.20	75.56	6.43%	32.68	2.31
840	8.40	73.21	6.58%	32.74	2.24




Resistencia a la compresion (Kg/cm ²)	2.45
Densidad humedad (g/cm ³)	2.06
Deformacion en la falla (%)	5.96%
Relacion altura diametro	2.04
Humedad (%)	23.66%
Modulo de elasticidad no drenado (Kg/cm ²)	106.35

Laboratorista: JOSE PABUENA

Revisado y Aprobado:



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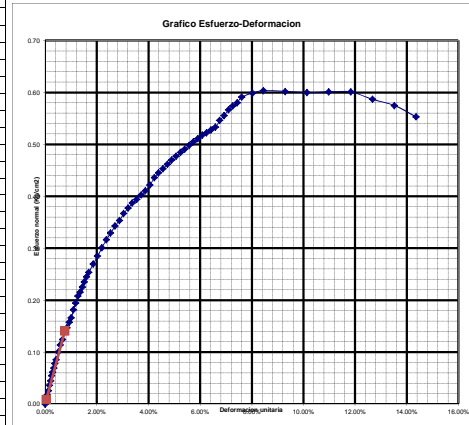
	COMPRESIONES 1 - CLIENTE	
	Código: FR-IN-09	Versión: 1
Controlado: SI (X) NO ()	Vigencia: 14/06/2016	Página: 1 de 1
PROYECTO: 270-18 JARDIN SANTA TERESITA TIPO DE MUESTRA: NQ PROFUNDIDAD: 9.60-10.20	LOCALIZACION: JARDIN SANTA TERESITA	CLIENTE: CONSORCIO C+PU SONDEO: S02 MUESTRA: 15 FECHA: 07/05/2018

Diametro (cm)	4.83
Arriba (cm)	4.83
Medio (cm)	4.83
Abajo (cm)	4.83
Altura de la muestra (cm)	11.83
1 (cm)	11.83
2 (cm)	11.83

Volumen (cm ³)	216.75
Area Inicial (cm ²)	18.32
Peso de la probeta (gr)	437.38
Peso Humeda (gr/cm ³)	2.02

HUMEDAD Wn		
Recipiente	No.	49
Peso recipiente	g	52.72
Muestra humeda+recipiente	g	227.6
Muestra seca + recipiente	g	201.4
Muestra humeda	g	174.88
Muestra seca	g	148.68
Humedad	%	17.62%

Lectura del deformimetro	Deformación longitudinal	Carga	Deformación unitaria	Área Corregida	Esfuerzo
,001 mm	mm	Kg	%	cm ²	Kg/cm ²
0	0.00	0.00	0.00%	18.32	0.00
5	0.05	0.17	0.04%	18.33	0.01
10	0.10	0.32	0.08%	18.34	0.02
15	0.15	0.47	0.13%	18.35	0.03
20	0.20	0.66	0.17%	18.35	0.04
25	0.25	0.82	0.21%	18.36	0.04
30	0.30	1.00	0.25%	18.37	0.05
35	0.35	1.13	0.30%	18.38	0.06
40	0.40	1.28	0.34%	18.38	0.07
45	0.45	1.44	0.38%	18.39	0.08
50	0.50	1.57	0.42%	18.40	0.09
60	0.60	1.85	0.51%	18.42	0.10
70	0.70	2.10	0.59%	18.43	0.11
80	0.80	2.29	0.68%	18.45	0.12
90	0.90	2.60	0.76%	18.46	0.14
100	1.00	2.72	0.85%	18.48	0.15
110	1.10	2.91	0.93%	18.49	0.16
120	1.20	3.07	1.01%	18.51	0.17
130	1.30	3.36	1.10%	18.53	0.18
140	1.40	3.61	1.18%	18.54	0.19
150	1.50	3.86	1.27%	18.56	0.21
160	1.60	4.00	1.35%	18.57	0.22
170	1.70	4.19	1.44%	18.59	0.23
180	1.80	4.38	1.52%	18.61	0.24
190	1.90	4.56	1.61%	18.62	0.24
200	2.00	4.73	1.69%	18.64	0.25
220	2.20	5.04	1.86%	18.67	0.27
240	2.40	5.33	2.03%	18.70	0.28
260	2.60	5.64	2.20%	18.73	0.30
280	2.80	5.94	2.37%	18.77	0.32
300	3.00	6.19	2.54%	18.80	0.33
320	3.20	6.46	2.70%	18.83	0.34
340	3.40	6.67	2.87%	18.86	0.35
360	3.60	6.93	3.04%	18.90	0.37
380	3.80	7.15	3.21%	18.93	0.38
400	4.00	7.34	3.38%	18.96	0.39
420	4.20	7.49	3.55%	19.00	0.39
440	4.40	7.66	3.72%	19.03	0.40
460	4.60	7.83	3.89%	19.06	0.41
480	4.80	8.06	4.06%	19.10	0.42
500	5.00	8.34	4.23%	19.13	0.44
520	5.20	8.53	4.40%	19.16	0.45
540	5.40	8.70	4.56%	19.20	0.45
560	5.60	8.88	4.73%	19.23	0.46
580	5.80	9.05	4.90%	19.27	0.47
600	6.00	9.21	5.07%	19.30	0.48
620	6.20	9.37	5.24%	19.34	0.48
640	6.40	9.51	5.41%	19.37	0.49
660	6.60	9.67	5.58%	19.41	0.50
680	6.80	9.82	5.75%	19.44	0.51
700	7.00	9.95	5.92%	19.47	0.51
720	7.20	10.10	6.09%	19.51	0.52
740	7.40	10.21	6.26%	19.55	0.52
760	7.60	10.34	6.42%	19.58	0.53
780	7.80	10.46	6.59%	19.62	0.53
800	8.00	10.73	6.76%	19.65	0.55
820	8.20	10.94	6.93%	19.69	0.56
840	8.40	11.18	7.10%	19.72	0.57
860	8.60	11.34	7.27%	19.76	0.57
880	8.80	11.49	7.44%	19.79	0.58
900	9.00	11.72	7.61%	19.83	0.59
950	9.50	11.93	8.03%	19.92	0.60
1000	10.00	12.08	8.45%	20.01	0.60
1100	11.00	12.16	9.30%	20.20	0.60
1200	12.00	12.23	10.14%	20.39	0.60
1300	13.00	12.38	10.99%	20.58	0.60
1400	14.00	12.49	11.83%	20.78	0.60
1500	15.00	12.31	12.68%	20.98	0.59
1600	16.00	12.18	13.52%	21.19	0.57
1700	17.00	11.83	14.37%	21.40	0.55




Resistencia a la compresión (Kg/cm ²)	0.60
Densidad humedad (g/cm ³)	2.02
Deformación en la falla (%)	8.45%
Relación altura diámetro	2.45
Humedad (%)	17.62%
Modulo de elasticidad no drenado (Kg/cm ²)	18.31

Laboratorista: JOSE PABUENA

Revisado y Aprobado:



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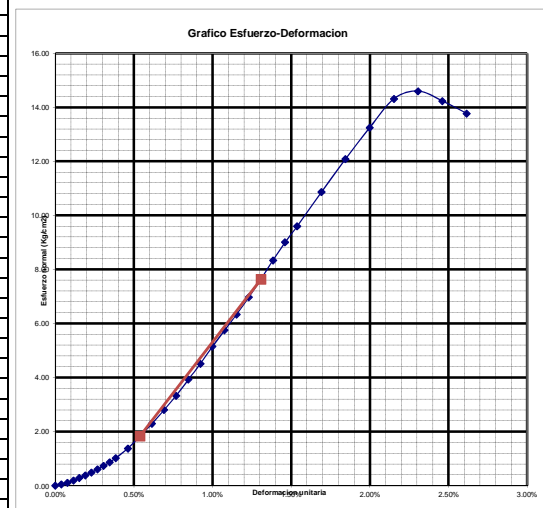
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	Código: FR-IN-09	Versión: 1
Controlado: SI (X) NO ()	Vigencia: 14/06/2016	Página: 1 de 1
PROYECTO TIPO DE MUESTRA PROFUNDIDAD	270-18 JARDIN SANTA TERESITA BLOQUE 0.00-1.00	CLIENTE SONDEO FECHA:
	LOCALIZACION	CONSORCIO C+PU TR-01 MUESTRA 1 07/05/2018

Diametro (cm)	5.55
Arriba (cm)	5.40
Medio (cm)	5.70
Abajo (cm)	5.40
Altura de la muestra (cm)	13
1 (cm)	13
2 (cm)	13

Volumen (cm ³)	400.14
Área inicial (cm ²)	30.78
Peso de la probeta (gr)	955.94
Peso Humeda (gr/cm ³)	2.39

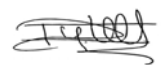
HUMEDAD Wn		
Recipiente	No.	P25
Peso recipiente	g	57.93
Muestra humeda+recipiente	g	227.15
Muestra seca + recipiente	g	213.26
Muestra humeda	g	169.22
Muestra seca	g	155.33
Humedad	%	8.94%


Lectura del deformimetro	Deformación longitudinal	Carga	Deformación unitaria	Área Corregida	Esfuerzo
,001 mm	mm	Kg	%	cm ²	Kg/cm ²
0	0.00	0.00	0.00%	30.78	0.00
5	0.05	1.23	0.04%	30.79	0.04
10	0.10	3.28	0.08%	30.80	0.11
15	0.15	5.80	0.12%	30.82	0.19
20	0.20	8.55	0.15%	30.83	0.28
25	0.25	11.66	0.19%	30.84	0.38
30	0.30	14.80	0.23%	30.85	0.48
35	0.35	18.74	0.27%	30.86	0.61
40	0.40	22.53	0.31%	30.88	0.73
45	0.45	26.65	0.35%	30.89	0.86
50	0.50	31.42	0.38%	30.90	1.02
60	0.60	42.59	0.46%	30.92	1.38
70	0.70	56.87	0.54%	30.95	1.84
80	0.80	70.93	0.62%	30.97	2.29
90	0.90	86.91	0.69%	30.99	2.80
100	1.00	103.25	0.77%	31.02	3.33
110	1.10	121.81	0.85%	31.04	3.92
120	1.20	140.04	0.92%	31.07	4.51
130	1.30	160.23	1.00%	31.09	5.15
140	1.40	178.92	1.08%	31.12	5.75
150	1.50	197.33	1.15%	31.14	6.34
160	1.60	217.22	1.23%	31.16	6.97
170	1.70	238.16	1.31%	31.19	7.64
180	1.80	260.24	1.38%	31.21	8.34
190	1.90	281.36	1.46%	31.24	9.01
200	2.00	300.00	1.54%	31.26	9.60
220	2.20	340.24	1.69%	31.31	10.87
240	2.40	379.12	1.85%	31.36	12.09
260	2.60	416.27	2.00%	31.41	13.25
280	2.80	450.46	2.15%	31.46	14.32
300	3.00	460.06	2.31%	31.51	14.60
320	3.20	449.28	2.46%	31.56	14.24
340	3.40	435.38	2.62%	31.61	13.77
360	3.60				
380	3.80				
400	4.00				



Resistencia a la compresion (Kg/cm ²)	14.60
Densidad humeda (g/cm ³)	2.39
Deformacion en la falla (%)	2.31%
Relacion altura diametro	2.41
Humedad (%)	8.94%
Modulo de elasticidad no drenado (Kg/cm ²)	753.82

Laboratorista JOSE PABUENA

Revisado y Aprobado: 
 I.C. GERMAN DARIO TAPIA MUÑOZ
 M.P. 25202-60095 CND (Secc. C/marca)

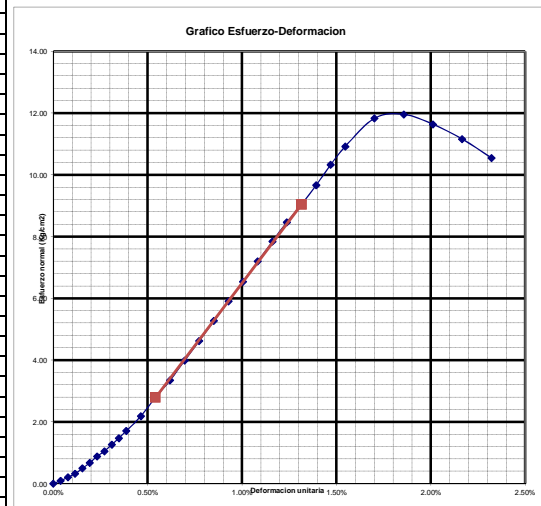
	COMPRESIONES 1 - CLIENTE	
	Código: FR-IN-09	Versión: 1
Controlado: SI (X) NO ()	Vigencia: 14/06/2016	Página: 1 de 1
PROYECTO TIPO DE MUESTRA PROFUNDIDAD	270-18 JARDIN SANTA TERESITA BLOQUE 0.0-1.00	CLIENTE SONDEO FECHA:
	LOCALIZACION	CONSORCIO C+PU TR-01 MUESTRA 1 07/05/2018

Diametro (cm)	5.70
Arriba (cm)	5.50
Medio (cm)	5.90
Abajo (cm)	5.50
Altura de la muestra (cm)	12.92
1 (cm)	12.92
2 (cm)	12.92

Volumen (cm ³)	419.25
Área inicial (cm ²)	32.45
Peso de la probeta (gr)	988.99
Peso Humeda (gr/cm ³)	2.36

HUMEDAD Wn		
Recipiente	No.	S6
Peso recipiente	g	52.13
Muestra humeda+recipiente	g	229.89
Muestra seca + recipiente	g	215.64
Muestra humeda	g	177.76
Muestra seca	g	163.51
Humedad	%	8.72%

Lectura del deformimetro	Deformación longitudinal	Carga	Deformación unitaria	Área Corregida	Esfuerzo
,001 mm	mm	Kg	%	cm ²	Kg/cm ²
0	0.00	0.00	0.00%	32.45	0.00
5	0.05	2.86	0.04%	32.46	0.09
10	0.10	6.70	0.08%	32.48	0.21
15	0.15	10.42	0.12%	32.49	0.32
20	0.20	16.04	0.15%	32.50	0.49
25	0.25	21.70	0.19%	32.51	0.67
30	0.30	28.56	0.23%	32.53	0.88
35	0.35	34.03	0.27%	32.54	1.05
40	0.40	40.97	0.31%	32.55	1.26
45	0.45	48.02	0.35%	32.56	1.47
50	0.50	55.62	0.39%	32.58	1.71
60	0.60	71.18	0.46%	32.60	2.18
70	0.70	91.08	0.54%	32.63	2.79
80	0.80	109.22	0.62%	32.65	3.34
90	0.90	130.44	0.70%	32.68	3.99
100	1.00	151.03	0.77%	32.70	4.62
110	1.10	172.46	0.85%	32.73	5.27
120	1.20	193.24	0.93%	32.75	5.90
130	1.30	214.28	1.01%	32.78	6.54
140	1.40	236.16	1.08%	32.81	7.20
150	1.50	257.32	1.16%	32.83	7.84
160	1.60	278.20	1.24%	32.86	8.47
170	1.70	297.31	1.32%	32.88	9.04
180	1.80	318.04	1.39%	32.91	9.66
190	1.90	340.26	1.47%	32.93	10.33
200	2.00	360.06	1.55%	32.96	10.92
220	2.20	390.64	1.70%	33.01	11.83
240	2.40	395.36	1.86%	33.06	11.96
260	2.60	385.24	2.01%	33.12	11.63
280	2.80	370.06	2.17%	33.17	11.16
300	3.00	350.38	2.32%	33.22	10.55
320	3.20				
340	3.40				
360	3.60				
380	3.80				
400	4.00				



Resistencia a la compresion (Kg/cm ²)	11.957
Densidad humeda (g/cm ³)	2.36
Deformacion en la falla (%)	1.86%
Relacion altura diametro	2.35
Humedad (%)	8.72%
Modulo de elasticidad no drenado (Kg/cm ²)	807.50

Laboratorista JOSE PABUENA

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