

Anexo F.

Resultados obtenidos por (Cuesta, 2014)

Comparación de muestras						
Muestra	N	N + 5% C.R. + 3% Cal	N + 10% C.R. + 3% Cal	N + 15% C.R. + 3% Cal	N + 20% C.R. + 3% Cal.	% promedio mejoramiento
Límites de Atterberg						
LL [%]	53.2	50.1	47.8	47.6	46.83	
		-5.83%	-10.15%	-10.53%	-11.97%	-9.62%
LP [%]	33.4	37.1	35.6	36.4	36.1	
		11.08%	6.59%	8.98%	8.08%	8.68%
IP	18.9	12.91	12.2	11.2	10.73	
		-31.69%	-35.45%	-40.74%	-43.23%	-37.78%
Compactación						
ρ_{maxseca} [gr/cm3]	1.57	1.575	1.58	1.6	1.628	
		0.32%	0.64%	1.91%	3.69%	1.64%
W_{optima} [%]	25	27	26	24.5	22.8	
		8.00%	4.00%	-2.00%	-8.80%	0.30%
CBR						
CBR _{90%} [%]	4.5	NP	NP	NP	NP	-
Compresión Inconfinada						
σ_c [kg/cm2]	12.65	8.58	8.4	7.93	6.2	
		-32.17%	-33.60%	-37.31%	-50.99%	-38.52%
ε_1 [%]	3.6	2.92	2.4	2.23	1.89	
		-18.89%	-33.33%	-38.06%	-47.50%	-34.44%

E [kg/cm ²]	407.27	319.18	520.76	382.88	396.4	
		-21.63%	27.87%	-5.99%	-2.67%	-0.61%
E [Mpa]	39.94	31.3	51.07	37.55	38.87	
		-21.63%	27.87%	-5.98%	-2.68%	-0.61%
<i>Permeabilidad</i>						
k [cm/s]	1.52E-08	2.38E-08	3.20E-08	3.76E-08	4.18E-08	
		56.16%	110.11%	147.34%	174.86%	122.12%

Nota. N: Suelo en estado natural. NP: No Presenta. % C.R.: Porcentaje de dosificación de concreto reciclado.