

**PLANILLA DE EVALUACION DE PARAMETROS GEOTECNICOS**

**OBRA:**

Palacio de Justicia

**UBICACIÓN:**

2362

J. A. Saldivar - Dpto. Central

**FECHA:**

09/10/18-12/10/18

**SONDEO: P1-P4**

**X- ESTE (UTM):**

0

**Y- NORTE (UTM):**

0



Cota	Prof.	W. Line	U	Unit W.	Unit W.	Tot. Stress	Effect.Stress	G	Sr	Cn	Spt-n2	Spt-n1	SPTc	Nb	Dr	e <sub>min</sub>	e <sub>max</sub>	e <sub>o</sub>	γ <sub>d</sub>	w
m	m	m	tn/m2	tn/m3	corr.	tn/m2	tn/m2		%		30	1.2		1	%				tn/m3	
99.70	0.00	2.18	0.00	0	0	0.00	0.00	0.00	0.00	0		0	0	0	0					
98.70	1.00		0.00	1.82	1.82	1.82	1.82	2.60	0.58	1.69	6	7.2	12	0	45.06	0.30	0.90	0.63	1.60	0.14
97.70	2.00		0.00	1.79	1.79	3.61	3.61	2.60	0.58	1.47	5	6	9	0	38.34	0.30	0.90	0.67	1.56	0.15
96.70	3.00		0.82	2.21	2.21	5.82	5.00	2.60	0.95	1.33	36	43.2	58	0	97.99	0.30	0.90	0.31	1.98	0.11
95.70	4.00		1.82	2.22	2.22	8.04	6.22	2.60	0.97	1.23	40	48	59	0	99.33	0.30	0.90	0.30	1.99	0.11
94.70	5.00		2.82	2.23	2.23	10.27	7.45	2.60	0.99	1.15	54	64.8	74	1	100.00	0.30	0.90	0.30	2.00	0.11
93.70	6.00		3.82	2.23	2.23	12.49	8.67	2.60	0.99	1.07	60	72	77	2	100.00	0.30	0.90	0.30	2.00	0.11
92.70	7.00		4.82	2.23	2.23	14.72	9.90	2.60	0.99	1.00	96	115.2	116	3	100.00	0.30	0.90	0.30	2.00	0.11
91.70	8.00		5.82	2.23	2.23	16.95	11.13	2.60	0.99	0.95	150	180	170	5	100.00	0.30	0.90	0.30	2.00	0.11
90.70	9.00		6.82	2.22	2.22	19.17	12.35	2.60	0.95	0.89	126	151.2	135	4	100.00	0.30	0.90	0.30	2.00	0.11
89.70	10.00		7.82	2.14	2.14	21.31	13.49	2.60	0.82	0.85	336	403.2	343	11	100.00	0.30	0.90	0.35	1.93	0.11
88.70	11.00		8.82	1.22	1.22	22.52	13.70	2.60	0.19	0.84	363	435.6	368	12	100.00	0.30	0.90	1.35	1.11	0.10
87.70	12.00		9.82	0.85	0.85	23.37	13.55	2.60	0.10	0.85	270	324	275	9	100.00	0.30	0.90	2.35	0.78	0.09
86.70	13.00		10.82	0.65	0.65	24.02	13.20	2.60	0.07	0.86	333	399.6	344	11	100.00	0.30	0.90	3.35	0.60	0.09
85.70	14.00		11.82	0.53	0.53	24.55	12.73	2.60	0.05	0.88	333	399.6	352	11	100.00	0.30	0.90	4.35	0.49	0.09
84.70	15.00		12.82	0.45	0.45	25.00	12.18	2.60	0.05	0.90	480	576	519	16	100.00	0.30	0.90	5.35	0.41	0.10

													Love												
													Δσ	p*{1-[1/(1+(R/z)^2)]^3/2}											
													area	p	R	Z	Δσ'	pt	carga						
													FS	3.97	17	1.125	1.4	0.00	17.00	67.56					
DMT							1,2>β>0,25	FS	FS	DMT		FS	3.00	3.97	17	1.125	1.4	0.00	17.00	67.56					
Cota	Prof.	Torque	Tr	fsu	Su	α - Arcilla	β -Arenas	σadm lat	σadm end	M	E	σadm	Δσ	ε	Δδ	δ	Ks *10	Φo	Ko*10	Ka*10	Kp*10				
	m	Kgf.m	T/N	Tn/m2	Kg/cm2			Tn/m2	Tn/m2	Mpa	Mpa	Tn/m2	Tn/m2	(%)	mm	mm	Kg/cm3								
																5.64									
99.70	0.00	0		0.00		0.55		0.00	0.00	0.0	0.0	0.00				0.0	0	0	0	0	0	0			
98.70	1.00			0.00		0.55	1.26	0.91	24.37	29.9	22.3	8.1	16.361			0.0	7.3	32	4.68	3.06	22.70				
97.70	2.00			0.00		0.55	1.15	1.67	17.64	24.9	18.6	5.9	15.228	0.6	3.7	3.7	14.7	31	4.92	3.26	20.69				
96.70	3.00			0.00		0.55	1.08	2.15	115.22	179.5	133.9	38.4	7.694	0.0	0.7	4.4	22.0	35	4.24	2.69	27.17				
95.70	4.00			0.00		0.55	1.01	2.51	118.39	199.4	148.8	39.5	3.858	0.0	0.5	4.9	29.3	35	4.32	2.75	26.33				
94.70	5.00			0.00		0.55	0.95	2.84	148.57	269.2	200.9	49.5	2.217	0.0	0.3	5.2	36.7	34	4.39	2.81	25.59				
93.70	6.00			0.00		0.55	0.90	3.13	154.23	299.1	223.2	51.4	1.419	0.0	0.2	5.4	44.0	34	4.45	2.86	24.91				
92.70	7.00			0.00		0.55	0.85	3.38	231.54	478.5	357.1	77.2	0.980	0.0	0.1	5.5	51.3	33	4.51	2.91	24.33				
91.70	8.00			0.00		0.55	0.81	3.60	340.75	747.7	558.0	113.6	0.715	0.0	0.1	5.5	58.7	33	4.56	2.96	23.84				
90.70	9.00			0.00		0.55	0.77	3.79	270.61	628.1	468.7	90.2	0.544	0.0	0.1	5.6	66.0	33	4.61	2.99	23.40				
89.70	10.00			0.00		0.55	0.73	3.92	686.66	1674.9	1249.9	228.9	0.427	0.0	0.0	5.6	73.3	32	4.65	3.03	23.04				
88.70	11.00			0.00		1.55	0.69	3.78	735.05	1809.5	1350.4	245.0	0.344	0.0	0.0	5.7	80.7	32	4.65	3.03	22.97				
87.70	12.00			0.00		2.55	0.65	3.54	550.30	1345.9	1004.4	183.4	0.283	0.0	0.0	5.7	88.0	32	4.65	3.03	23.02				
86.70	13.00			0.00		3.55	0.62	3.27	688.90	1659.9	1238.8	229.6	0.237	0.0	0.0	5.7	95.3	32	4.64	3.02	23.12				
85.70	14.00			0.00		4.55	0.59	2.98	703.15	1659.9	1238.8	234.4	0.201	0.0	0.0	5.7	102.7	33	4.62	3.01	23.27				
84.70	15.00			0.00		5.55	0.55	2.70	1038.67	2392.7	1785.6	346.2	0.173	0.0	0.0	5.7	110.0	33	4.60	2.99	23.46				