

# Plate Loading Test Report

**Peysanj**  
**Geotechnical Engineering Software**

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**Project Title:** EXAMPLE Highway Construction 1  
**Client:** VITA Developments Ltd.  
**Address:** TP-1  
**Job Code:** 75-AF-485

**ABC Consulting Ltd.**

Geotechnical Consulting Engineers



Test Depth = 2 ft  
 Plate Diameter = 1 ft  
 Gauge Factor = 0.0001 in  
 Moisture Condition : Dry

Load (kip)	#1 (0.0001in)	#2 (0.0001in)	#3 (0.0001in)	Ave. S (in)
0	0	0	0	0
8.8	0.579	0.531	0.508	5.393333E-05
13.2	0.835	0.748	0.76	7.81E-05
17.6	1.067	1.051	1.031	0.0001049667
8.8	1.063	1.028	1.008	0.0001033
1.1	0.988	0.965	1.024	9.923333E-05
8.8	1.031	0.984	1.047	0.0001020667
17.6	1.118	1.083	1.106	0.0001102333
22	1.283	1.299	1.213	0.0001265
26.5	1.484	1.504	1.413	0.0001467
30.9	1.665	1.713	1.65	0.0001676
35.3	1.874	1.913	1.831	0.0001872667
17.6	1.85	1.937	1.898	0.0001895
1.1	1.693	1.744	1.732	0.0001723
17.6	1.811	1.791	1.819	0.0001807
35.3	1.98	2.016	2.004	0.0002
39.7	2.094	2.098	2.087	0.0002093
44.1	2.24	2.264	2.252	0.0002252
48.5	2.421	2.441	2.449	0.0002437
55.1	2.713	2.74	2.76	0.0002737667
44.1	2.701	2.72	2.756	0.0002725667
35.3	2.689	2.709	2.717	0.0002705
26.5	2.681	2.697	2.701	0.0002693
17.6	2.657	2.677	2.673	0.0002669
8.8	2.591	2.622	2.642	0.0002618333
1.1	2.441	2.461	2.484	0.0002462
0	2.272	2.283	2.264	0.0002273

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Cycle #	P1 (ksf)	P2 (ksf)	Ks (kips/ft3)	Mod. Ks (kips/ft3)	Es (ksf)
#1	0	22.42	2561846	90682.91	67671.73
#2	22.42	44.97	3285981	113286.2	84539.34
#3	44.97	70.19	3497363	119884.2	89463.08

