

Pressure-Meter Test Analysis Report (ASTM D4719)

**Peysanj
Geotechnical Engineering Software**

Project Title: EXAMPLE Oil & Gas Field Development
Client: ABC Engineering
Address: Kitimat, BC
Job Code: 74-AF-2396

ABC Consulting Ltd.

Geotechnical Consulting Engineers



Test Depth = 2.6 m
Water Level = - m
Poisson Ratio = 0.35
Probe Type : BX
Probe Vo = 535 cm³

Field test data

P (kg/cm ²)	V (cm ³)	Corr. P (kg/cm ²)
0	0	0
1	97	2.42
2	145	2.92
3	167	3.69
5	207	5.31
7	233	7.07
9	252	8.9
11	265	10.78
13	277	12.67
15	287	14.58
17	297	16.47
19	307	18.36
21	320	20.21
23	332	22.08
25	343	23.96
27	355	25.82
29	368	27.68
31	395	29.38
33	417	31.13

Calibration test data

P (kg/cm ²)	V (cm ³)
0	0
1	80
2	175
3	285
5	465



Menard Modulus (E_m) = 378.08 kg/cm²
 Limit Pressure (P_l) = 54.3 kg/cm²

# points in elastic zone	From point #	To point #	Minimum Error
3	9	11	2154.195
4	9	12	1946.108
5	8	12	1884.924
6	7	12	1863.495
7	7	13	1906.344
8	7	14	1919.177
9	7	15	1912.81
10	7	16	1935.143
11	7	17	1978.625
12	6	17	2038.744
13	5	17	2167.616
14	4	17	2422.198
15	3	17	2503.203

