



BISAR 3.0 - Block Report

Maputo_Landfill_F2

System 1: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical Load (kN)	Stress (MPa)	Horizontal Load (kN)	Horizontal Stress (MPa)	Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
1	0,040	3,500E+03	0,35	1	2,000E+01	5,774E-01	0,000E+00	0,000E+00	1,050E-01	0,000E+00	0,000E+00	0,000E+00
2	0,060	4,500E+03	0,35	2	2,000E+01	5,774E-01	0,000E+00	0,000E+00	1,050E-01	0,000E+00	3,150E-01	0,000E+00
3	0,200	3,500E+02	0,40									
4	0,200	2,000E+02	0,40									
5		6,000E+01	0,45									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	XX (MPa)	Stresses YY (MPa)	ZZ (MPa)	XX μstrain	Strains YY μstrain	ZZ μstrain	UX (μm)	Displacements UY (μm)	UZ (μm)
1	2	0,000E+00	1,575E-01	9,990E-02	7,589E-01	1,397E-01	-1,304E-01	1,679E+02	-1,785E+01	-9,886E+01	0,000E+00	0,000E+00	4,687E+02
2	5	0,000E+00	1,575E-01	5,001E-01	-1,775E-05	-1,172E-03	-2,372E-02	1,864E+02	1,585E+02	-3,864E+02	0,000E+00	0,000E+00	3,550E+02