

**TABLE 2**  
**Safe Bearing Loads for Various Soils**

Soil	Safe Bearing Load	
	Lbs./Sq. Ft.	(kPa)
Mulch, Peat, etc.	0	0
Soft Clay	1000	6890
Sand	2000	13,780
Sand and Gravel	3000	20,670
Sand and Gravel Cemented w/Clay	4000	27,360
Hard Shale	10,000	68,900

**Example:** Assume a 4000 pound (17,800 N) total thrust was computed. The soil condition is sand. The required bearing area of the thrust block is 4000 lbs. (17,800 N) divided by 2000 lbs. (13,780 kPa) or 2 sq. ft. (0.19 m<sup>2</sup>)

**ADOPTED: 1975**  
**REVISED: 1981, 1982, 2003**