

# Soil Type and Approximate Load-Bearing Capacity



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Virgin Ground.....	22 PSI
Asphalt.....	29 PSI
Compressed, Crushed Stone.....	36 PSI
Clay/silt soil, firm.....	43 PSI
Mixed Granular Soil.....	51 PSI
Firm, Compacted Gravel.....	58 PSI
Brittle, Weathered Rock.....	145 PSI

## SOIL TYPES

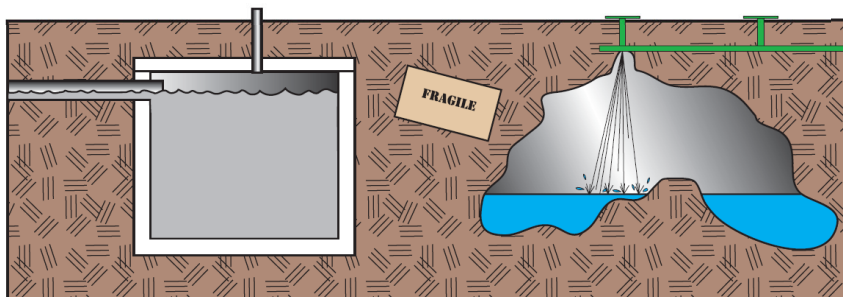
Different types of soil have varying load bearing capacities. The ACPA says the formula for determining the load imposed on soil is to divide the total outrigger force (pounds) by the area of soil contact (square inches).

**SOIL PRESSURE = TOTAL OUTRIGGER FORCE ÷ BY THE AREA OF SOIL CONTACT**

## KEEP IN MIND

It is easy to misjudge the soil material or compaction. When in doubt more dunnage is better.

## BEWARE OF HIDDEN UNDERGROUND DANGERS



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