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## BU438 - Using a Scala Penetrometer (replaces BU212 - Soil Testing)

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### Abbreviation

BU438 (replaces BU212 Soil Testing)

### Valid from

01/08/2003

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### Information provider

BRANZ Limited

### Information type

BRANZ Bulletin

### Format

PDF, Hard copy

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### Cited By

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### Description

#### **BRANZ Bulletin 212 - Soil Testing, has been withdrawn and has been replaced with BRANZ Bulletin 438 - Using a Scala Penetrometer**

This bulletin is a guide to using a scala penetrometer to determine the ground conditions of a particular site where there are concerns regarding bearing capacity.

The main requirement is that the ultimate bearing pressure of the soil supporting the foundations is not less than 300 kPa. Where the groundbearing capacity does not meet the 300 kPa requirement, the foundations, but not necessarily the remainder of the building, must be specifically designed.

The bulletin covers:

- scala penetrometer equipment
- test positions
- how to use a scala penetrometer
- soil suitability
- soil examination
- encountering problems
- need for specific design.

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- [NZS 3604:1990](#)

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