



# Test Method T100

Sampling road construction materials (soil, gravel, sand, aggregate, rock, and recycled products)

Issue No. 3.0 | 10 August 2020

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## About this release

<b>Title:</b>	Sampling road construction materials (soil, gravel, sand, aggregate, rock, and recycled products)
<b>Test method number:</b>	T100
<b>Author:</b>	Materials Technology
<b>Authorised by:</b>	Director Pavements and Geotechnical

## Summary of changes

Issue number	Clause number	Revision description	Authorised by	Publication date
Issue 3.0	3	Note added emphasising the correct labelling of the container.	Director Pavements and Geotechnical	August 2020
	5	References to the AS standards moved to the references section.		
Ed 2 / Rev 0		Reformatted template	J. Friedrich	October 2012
Ed 1 / Rev 0		New method	J. Friedrich	June 2010

*Note: The functions of the former State Government agency Roads and Maritime Services (RMS or Roads and Maritime) are now administered by Transport for NSW.*

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# Test Method T100

## Sampling road construction materials (soil, gravel, sand, aggregate, rock, and recycled products)

### 1 Scope

This test method defines procedures for taking and packaging samples of road construction materials for examination and testing.

### 2 General

- (a) Road construction material, referred to as “material” in this test method, includes the following:
  - (i) Aggregate and rock products.
  - (ii) Soil products.
  - (iii) Recycled products.

*NOTE: Sampling of asphalt and concrete are not included.*

- (b) The material to be sampled is from one of many different locations (refer to Table 1).

### 3 Procedure

Carry out sampling of material in accordance with the appropriate test method listed in Table 1.

*NOTE: Label the sample as per requirements of the corresponding Australian Standard once taken – both on the container externally, and on a tag internally.*

**Table 1. Test methods for sampling**

Material	Test Method	Locations
Aggregate and rock products with a $\leq 63$ mm nominal size (includes soil, sand and aggregate).	AS 1141.3.1.	Conveyor, bin, truck, stockpile, placed earthworks or pavement layer, small heap or windrow.
Rock products with a $> 63$ mm nominal size (includes rock spalls or boulders).	AS 1141.3.2.	Quarry, pit, cut or fill, drainage blanket, rip rap, armour rock, gabion rock.
Soil, gravel, rock and recycled product (includes earthworks, drainage and pavement materials).	AS 1289.1.2.1	Stockpile, windrow, uncompacted layers in earthworks or pavement, compacted layers in earthworks or pavement, in-situ material.

### 4 Reporting

Include all the records required under the relevant test method, reference to the Australian Standard along with the corresponding clauses, and this test method in the report.

### 5 References

The following documents are referred to in this test method:

- AS 1141.3.1. (2012). “Methods for sampling and testing aggregates - Sampling - Aggregates.” Standards Australia.
- AS 1141.3.2. (2012). “Methods for sampling and testing aggregates - Sampling - Rock spalls, boulders and drill core.” Standards Australia.
- AS 1289.1.2.1. (1998) (R2013). “Methods of testing soils for engineering purposes - Sampling and preparation of soils - Disturbed samples - Standard method.” Standards Australia.

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