



**Manaaki Whenua**  
Landcare Research

## LENZ - Soil particle size

### Title

Particle size - LENZ

### Creator

Landcare Research Ltd

### Publisher

Landcare Research Ltd

### Date

2003-01-01

### Description

Particle size data layer used in the creation of Land Environments of New Zealand (LENZ) classification. The data defines the average particle size based on the soil information (from the NZLRI) and the mapped parent material. This particle size data layer is differentiated into five classes, silt and clay (Class 1), Sand (2), Gravel (3), Coarse to very coarse gravel (4), Boulders to massive (5). The class defined as "0" signifies areas where there are no soil attributes recorded (i.e. high peaks of the Southern Alps). Additional details such as discussion about the accuracy and reliability of the LENZ soil layers and the technical definitions of the categories in this layer are defined in the attached LENZ Technical Guide.

### Source

The data defines the average particle size based on the soil information (from the NZLRI) and the mapped parent material. Additional details such as discussion about the accuracy and reliability of the LENZ soil layers and the technical definitions of the categories in this layer are defined in the attached LENZ Technical Guide.

### Coverage

-47.505151 166.122046 -33.959618 179.601635

### Format

ESRI Binary Grid Raster Dataset

### Identifier

<https://iris.scinfo.org.nz/layer/48082-lenz-soil-particle-size/>

### Type

grid

### Language

en

### Subject

Particle Size

### Subject

LENZ

### Subject

Land

### Subject

Soil Fertility

### Subject

| Soil  
Subject  
| New Zealand  
Subject  
| Downloadable Data  
Subject  
| environment  
Subject  
| geoscientificInformation