



**Manaaki Whenua**  
Landcare Research

## MPI SLMACC DSM soil mapunit (V12)

### Title

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### Creator

Landcare Research

### Date

2017-06-14

### Description

Soil map unit raster classification - generated from Random Forest model based on soil auger data points and terrain and parent material co-variate layers. This model uses 16 map units which represent groupings of taxonomically similar soils at NZ Soil Classification sub-group to family level. Random Forest predicts classifications - the map units so defined will be assigned typical soil associations and properties

### Source

Generated by random forest model from analysis of field data (auger observations) in relation to parent material, terrain and climate covariates using R.

### Coverage

-35.46567 173.82431 -35.238479 174.058021

### Identifier

<https://iris.scinfo.org.nz/layer/48575/>

### Type

grid

### Subject

Downloadable Data

### Subject

soil

### Subject

soil classification

### Subject

NZSC

### Subject

mapunits

### Subject

farming

### Subject

environment