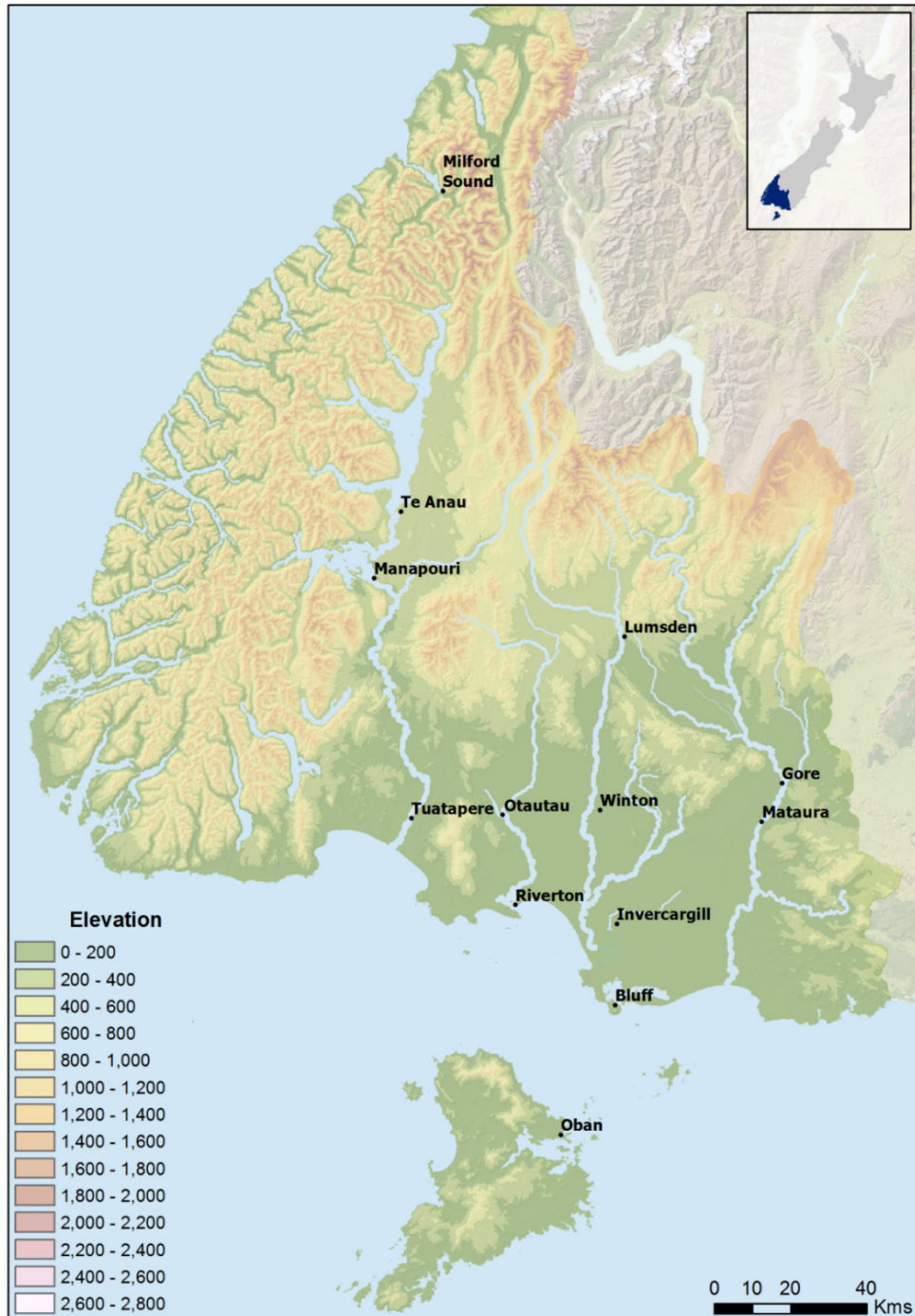


## Appendix 2: Maps

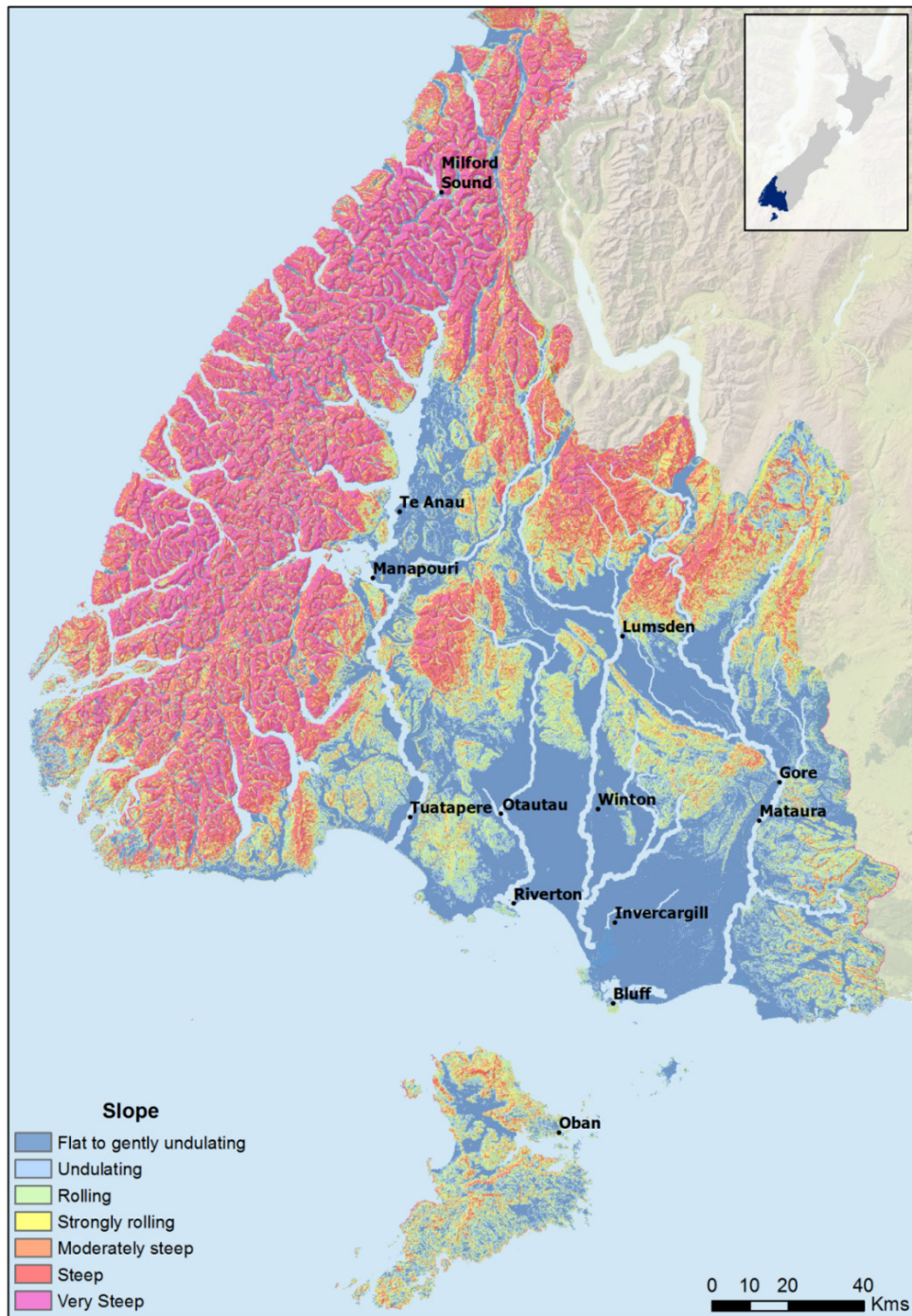
### Landscape characteristics

#### Elevation



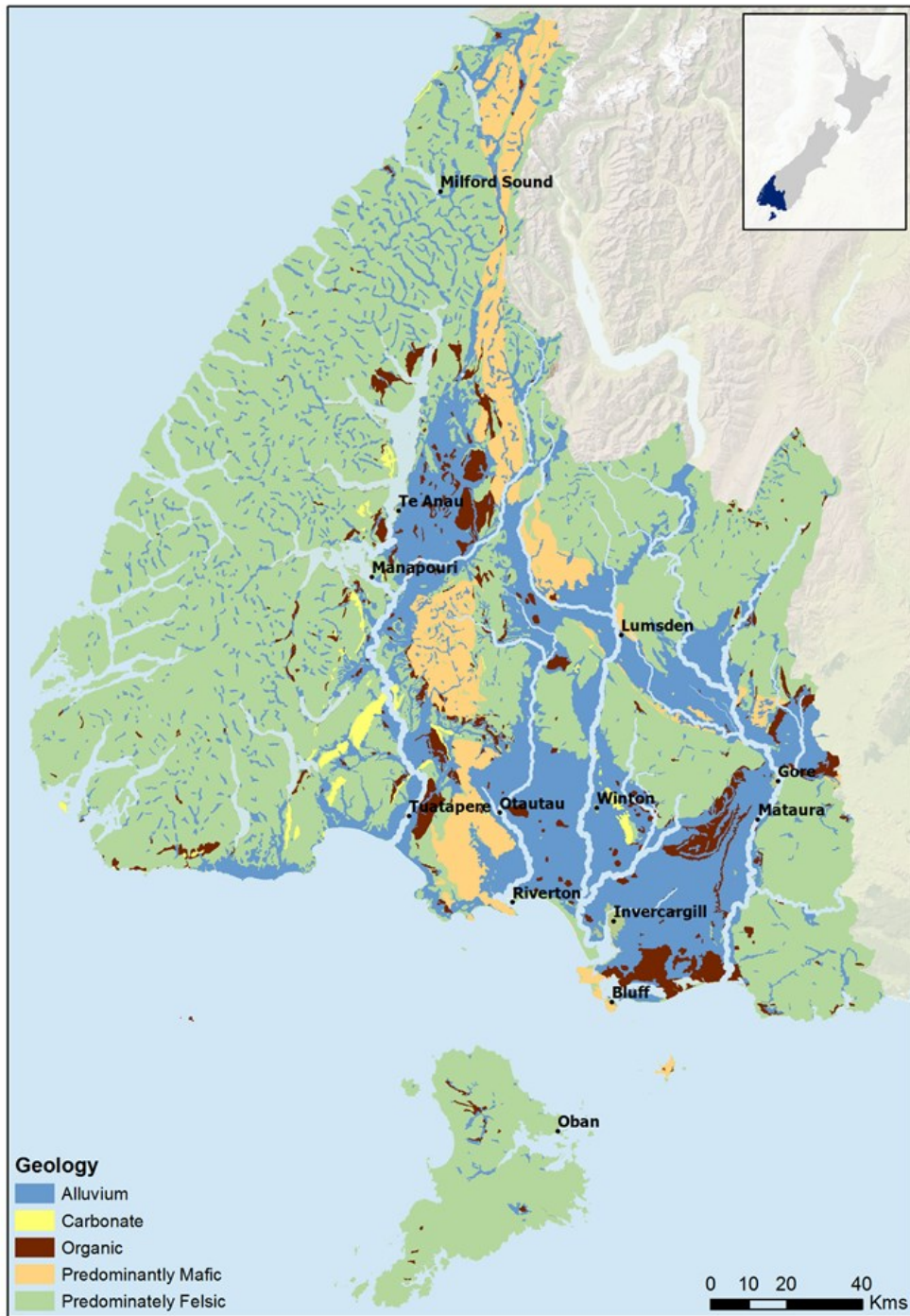
*Topographic elevation (metres above sea level)*

# Slope



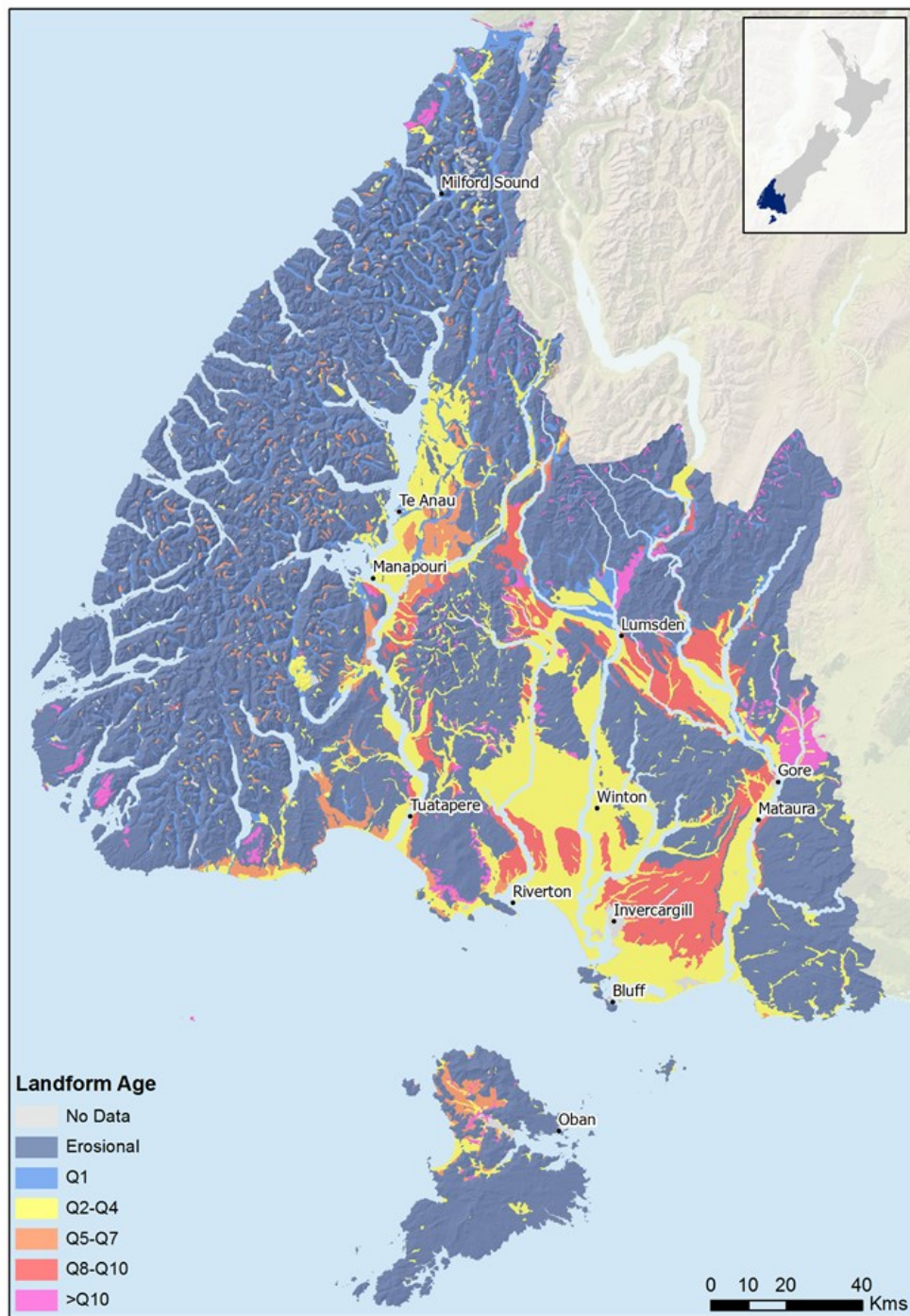
*Topographical slope*

# Geology



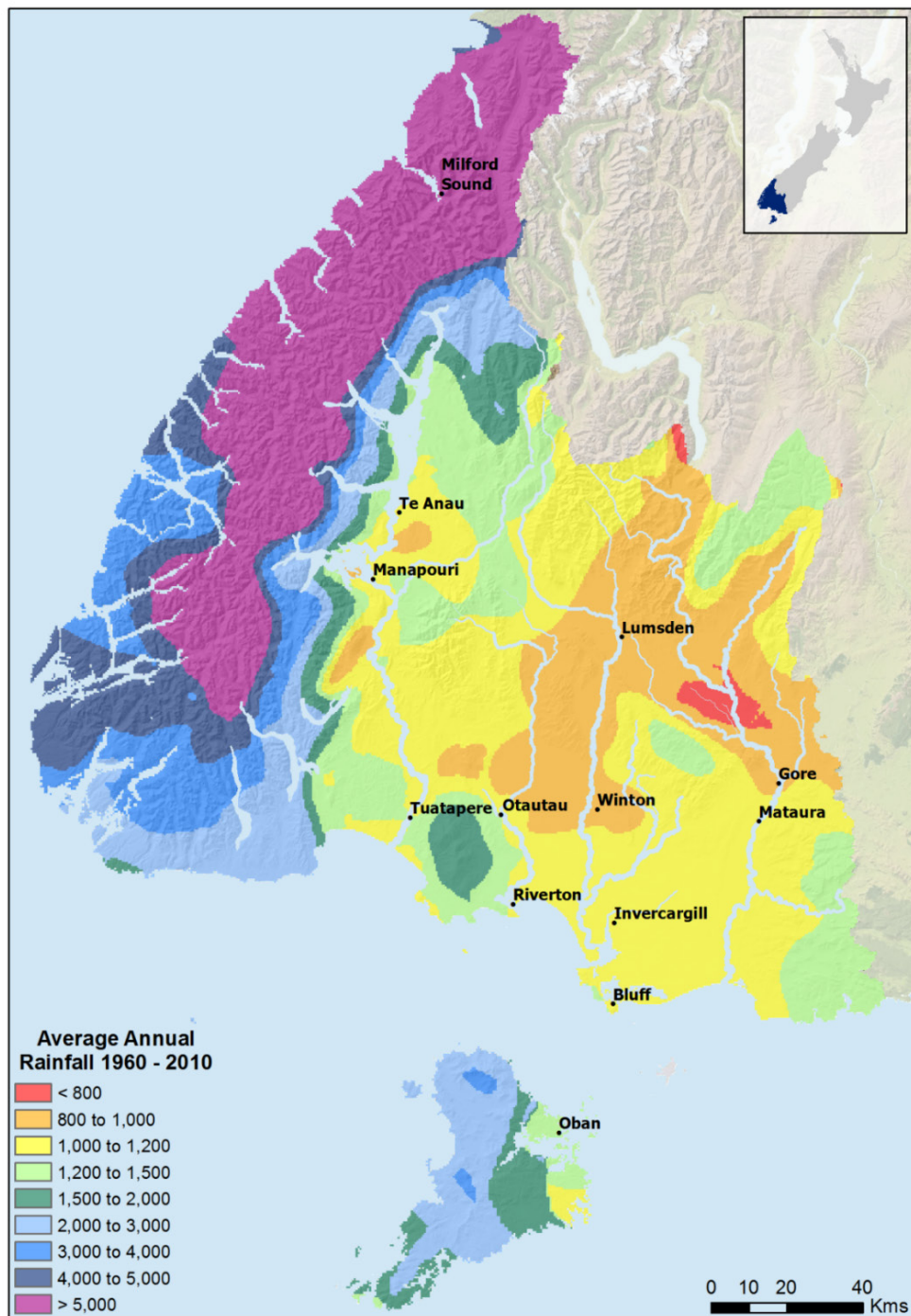
*Geology*

## Landform age



*Landform age*

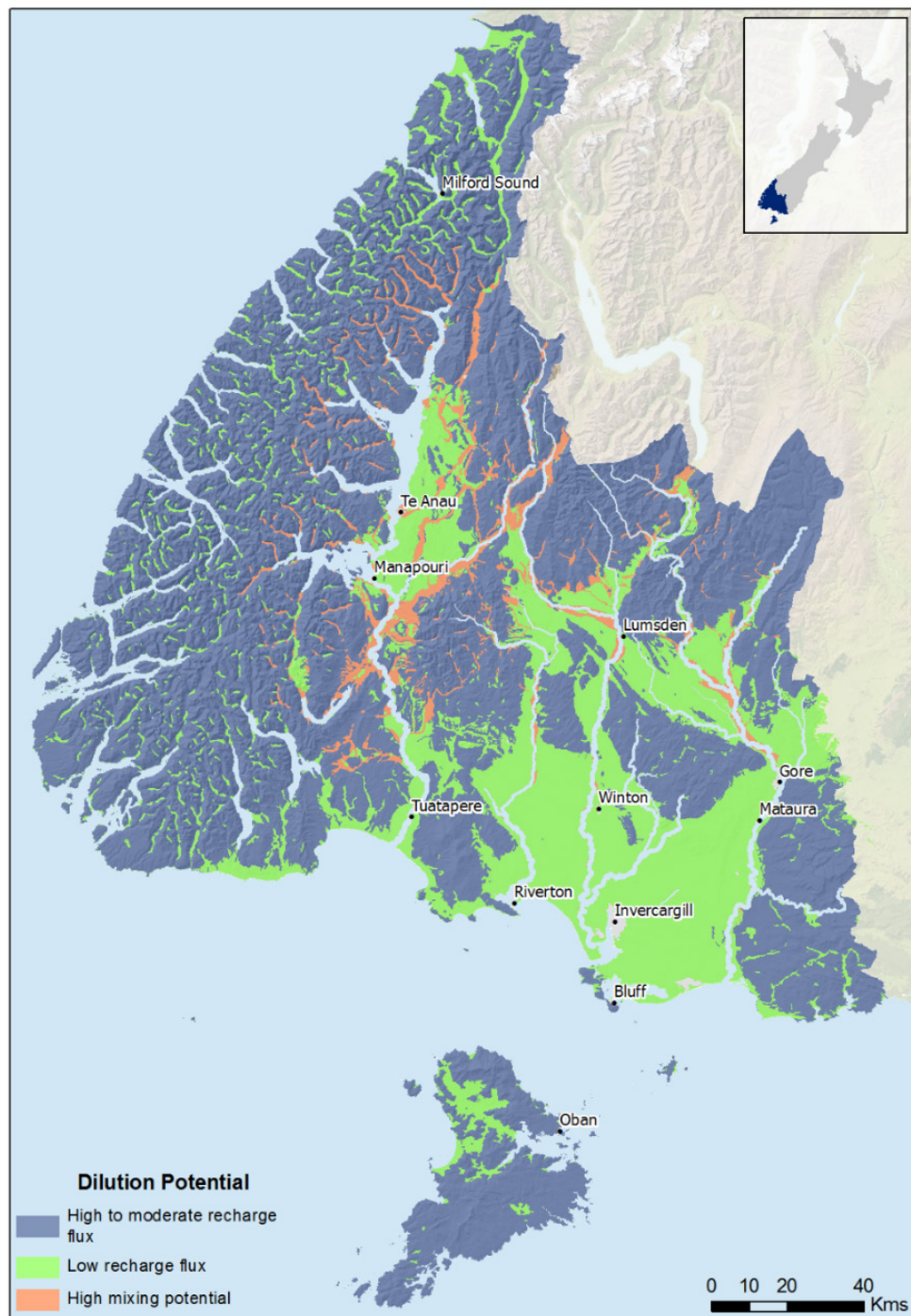
## Average annual rainfall



*Average annual rainfall (in mm per annum) for the 1960 to 2010 period*

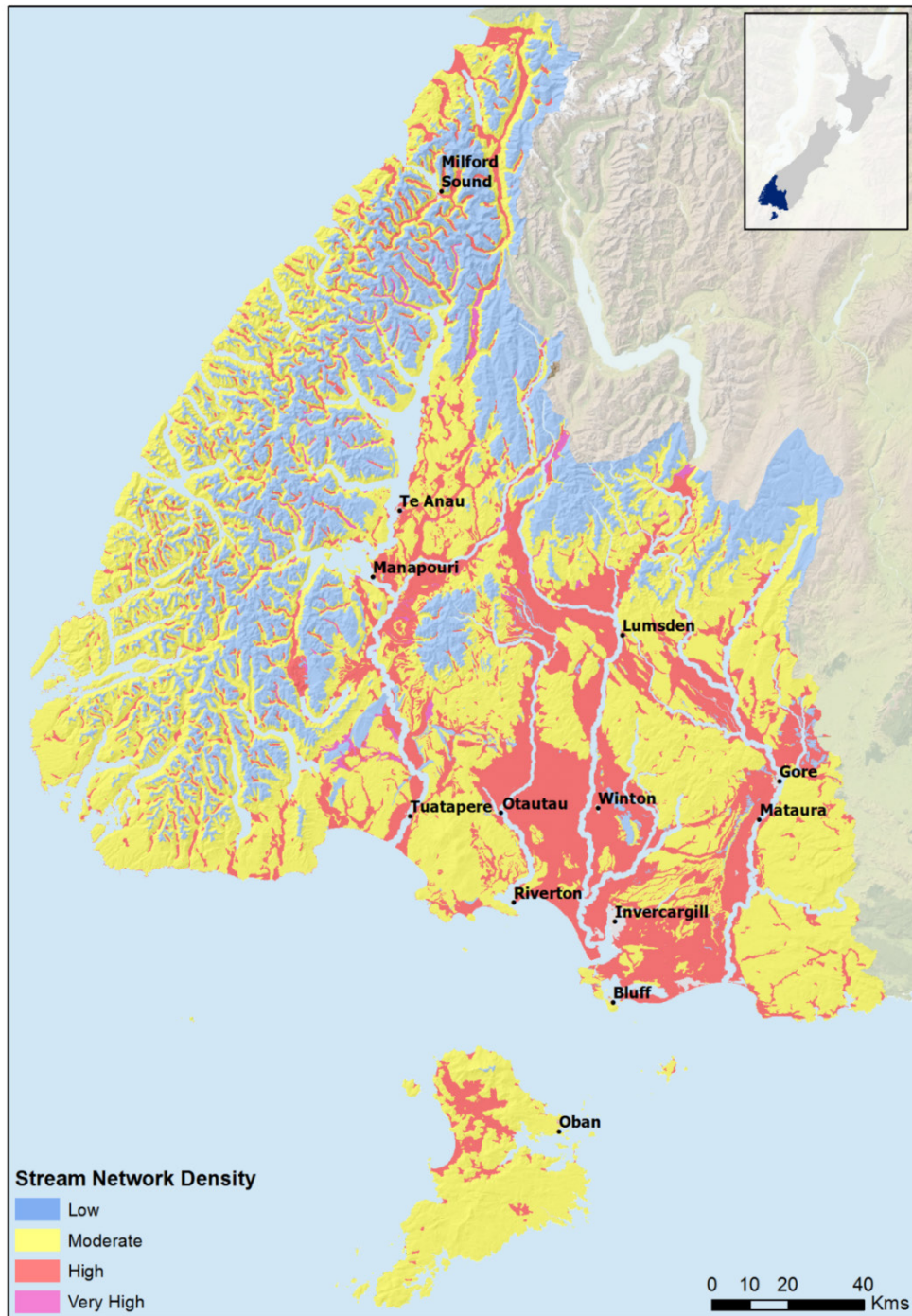
## Surface zone characteristics

### Dilution potential



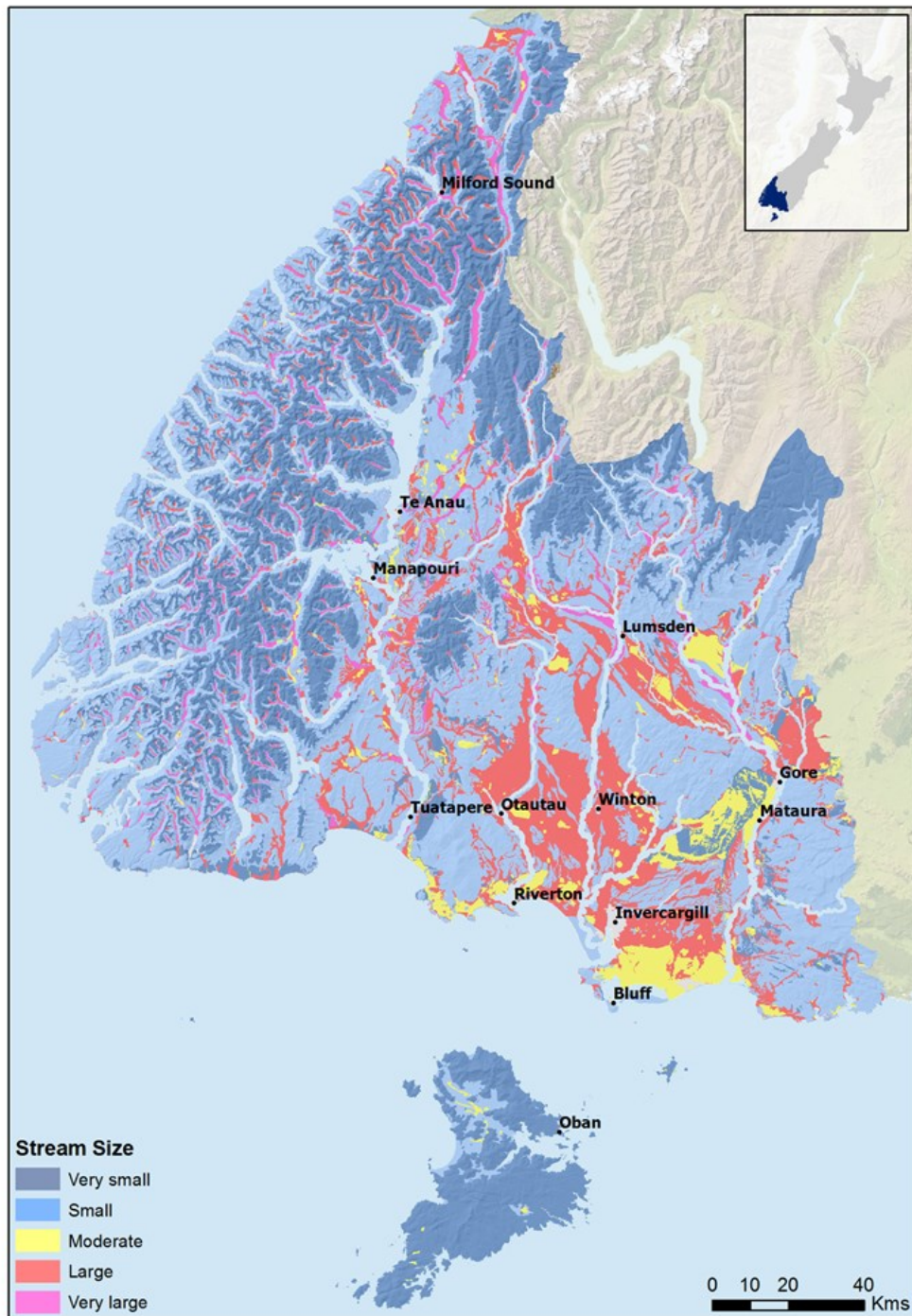
*Dilution potential*

## Drainage density



*Drainage density*

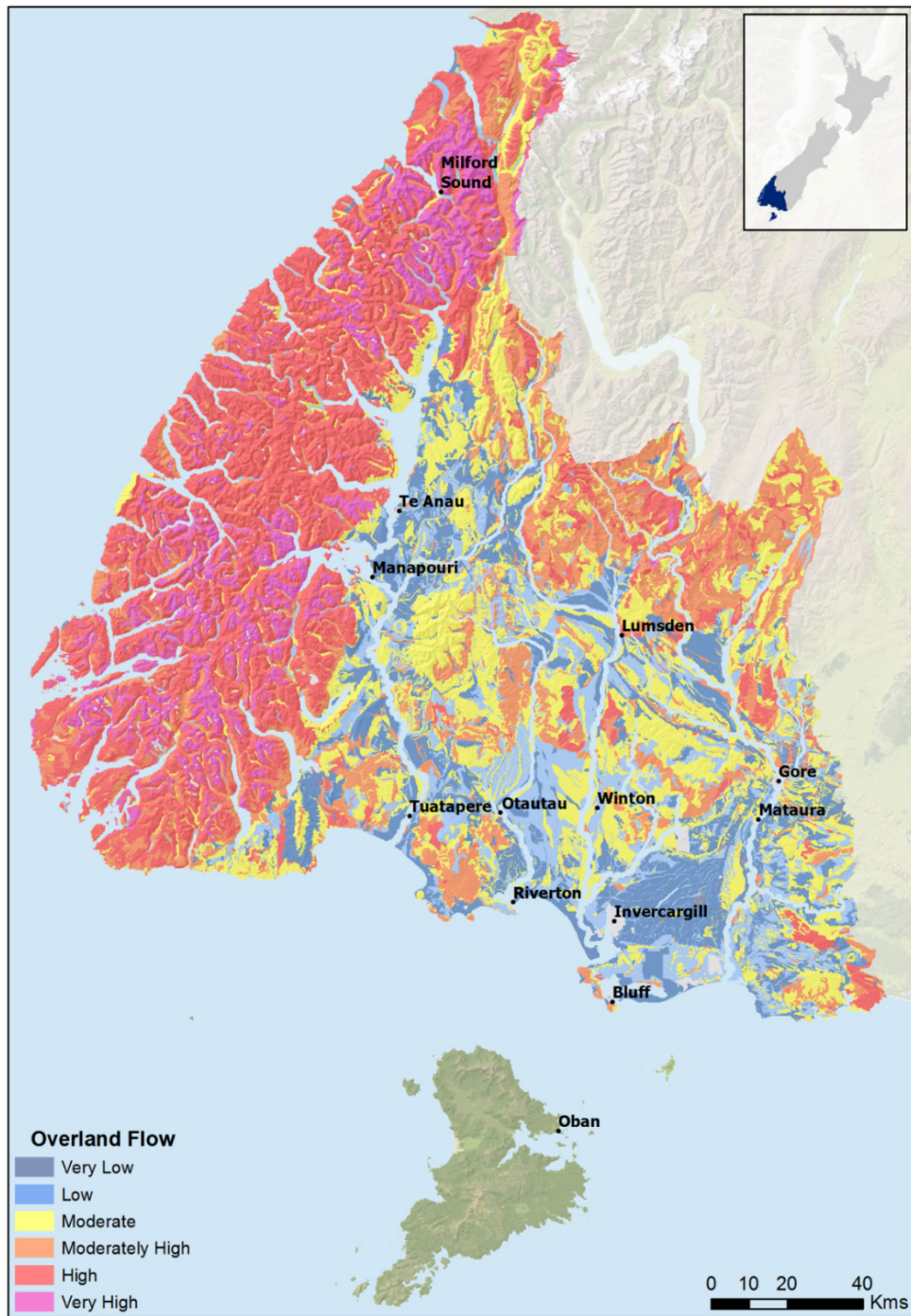
## Stream size



*Stream size*



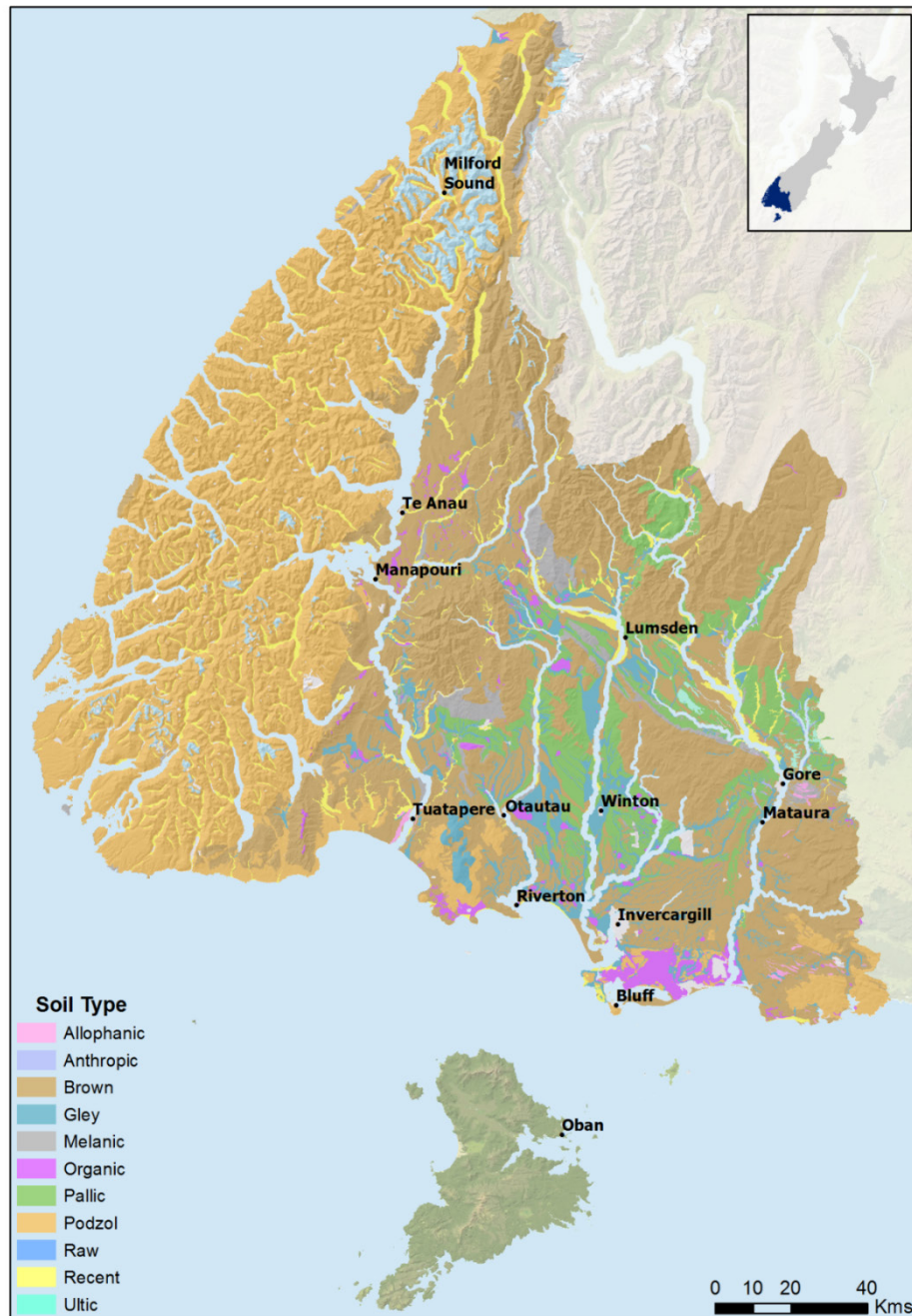
## Overland flow potential



*Overland flow potential*

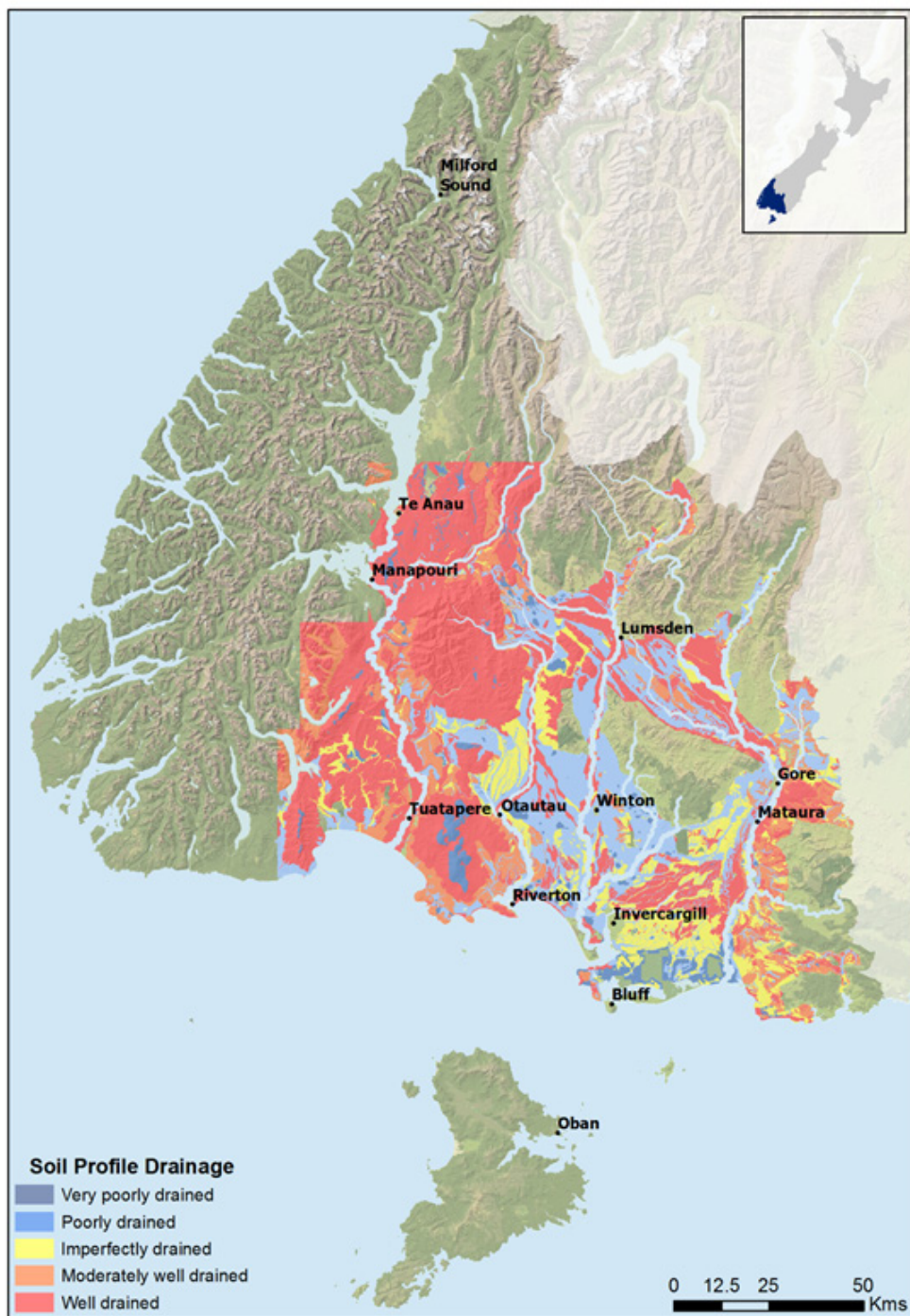
## Soil zone characteristics

### Soil order



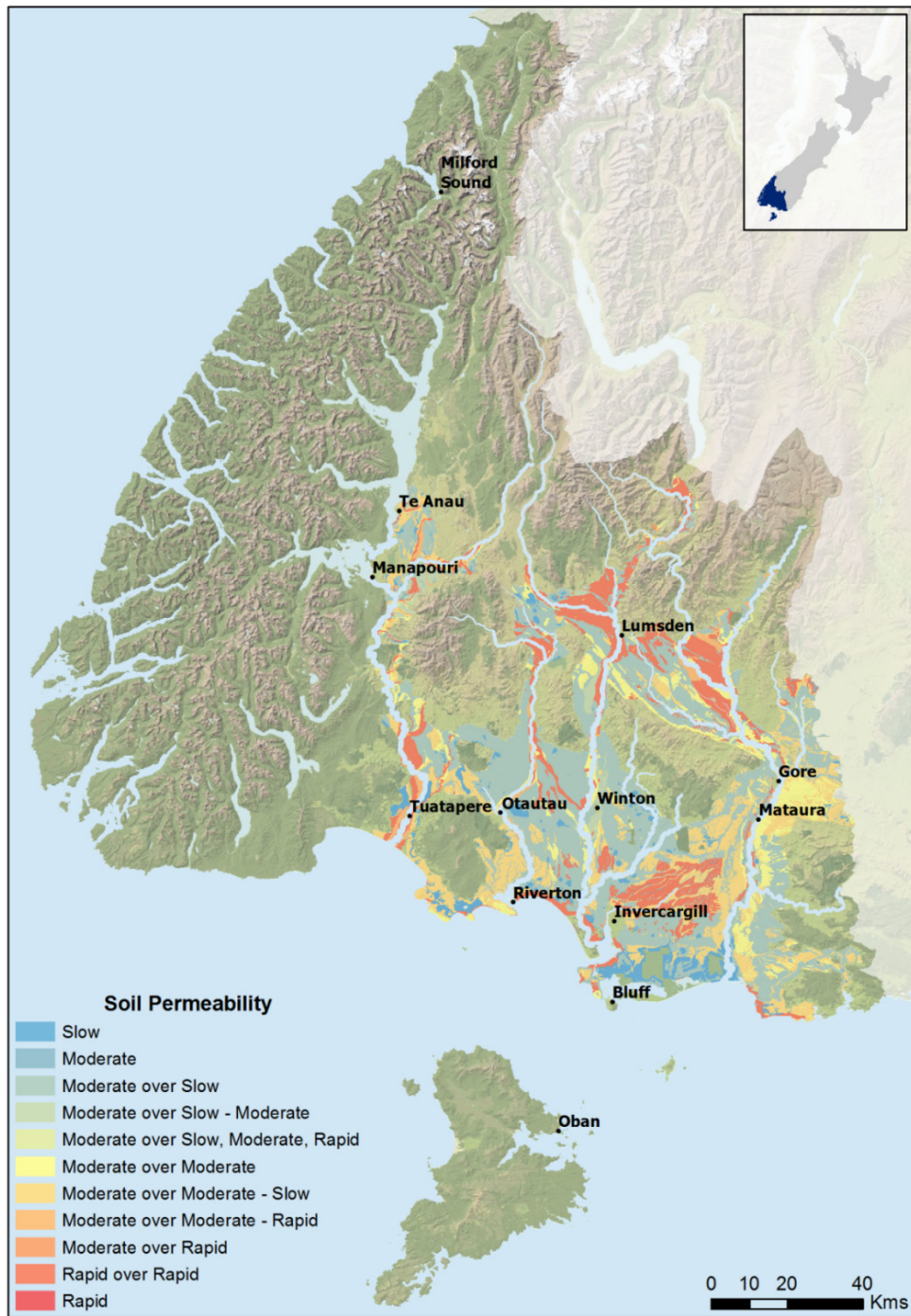
*New Zealand Soil Classification (NZSC) order*

## Profile drainage



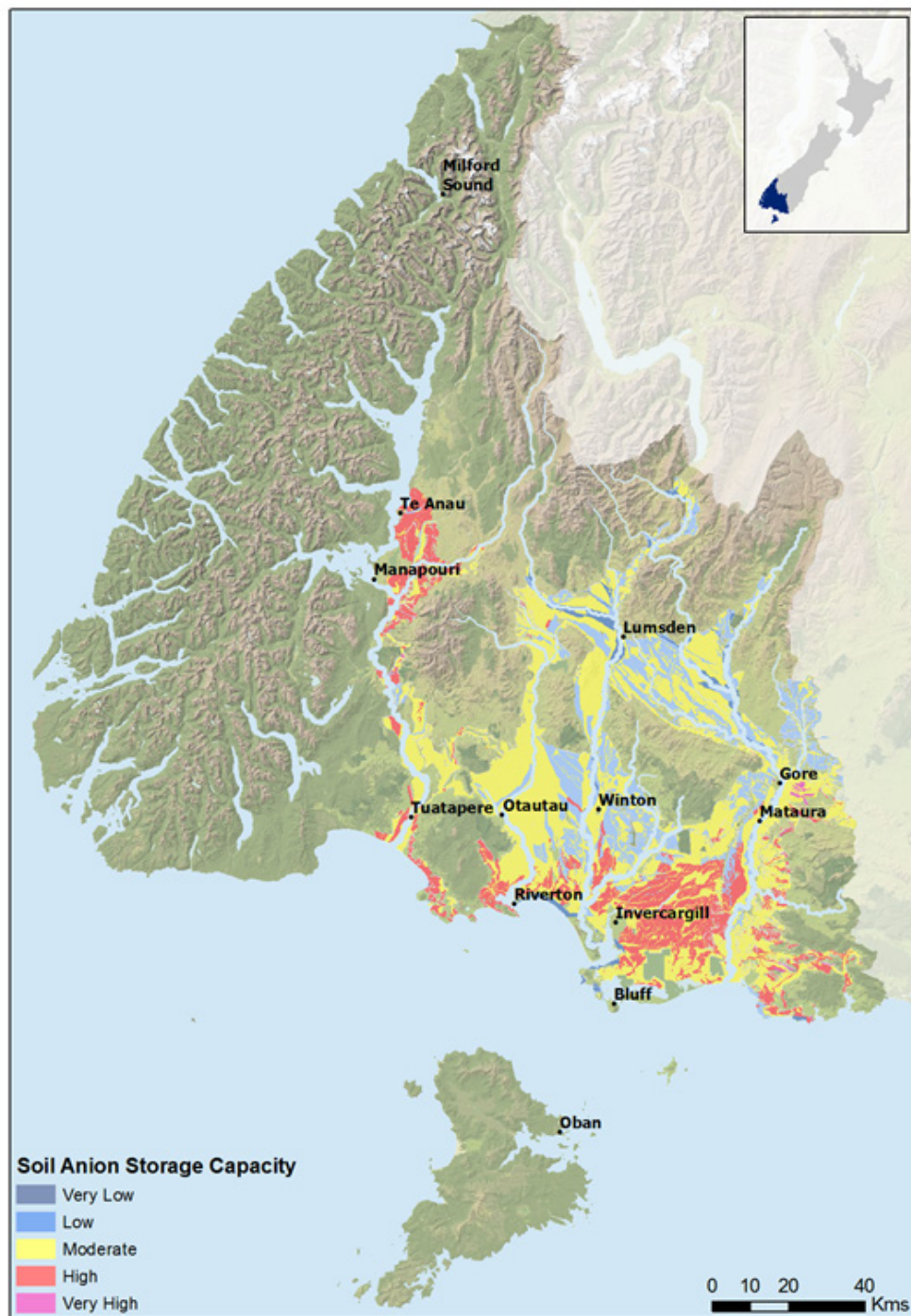
*Soil profile drainage*

# Permeability



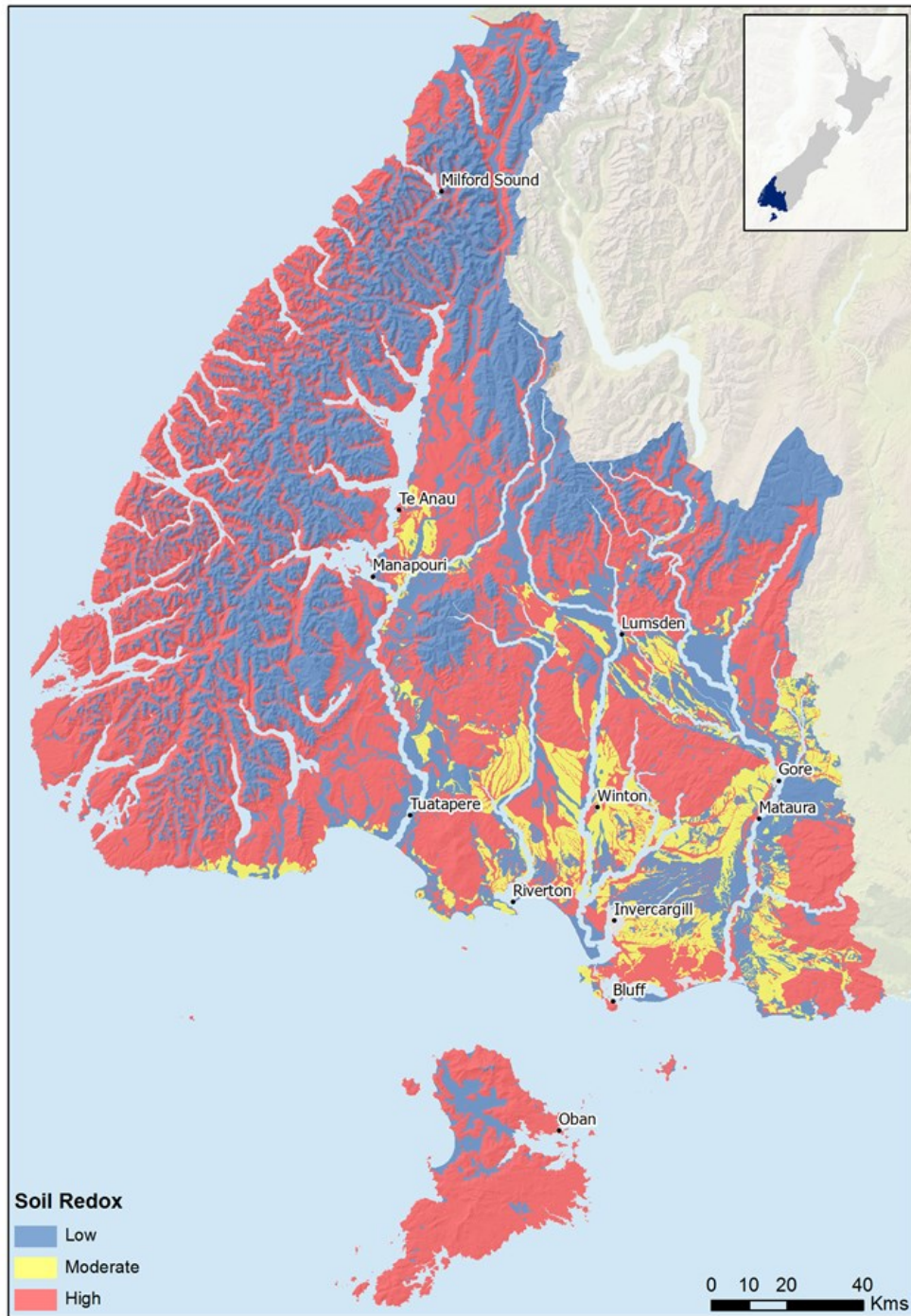
*Soil permeability*

## Anion storage capacity



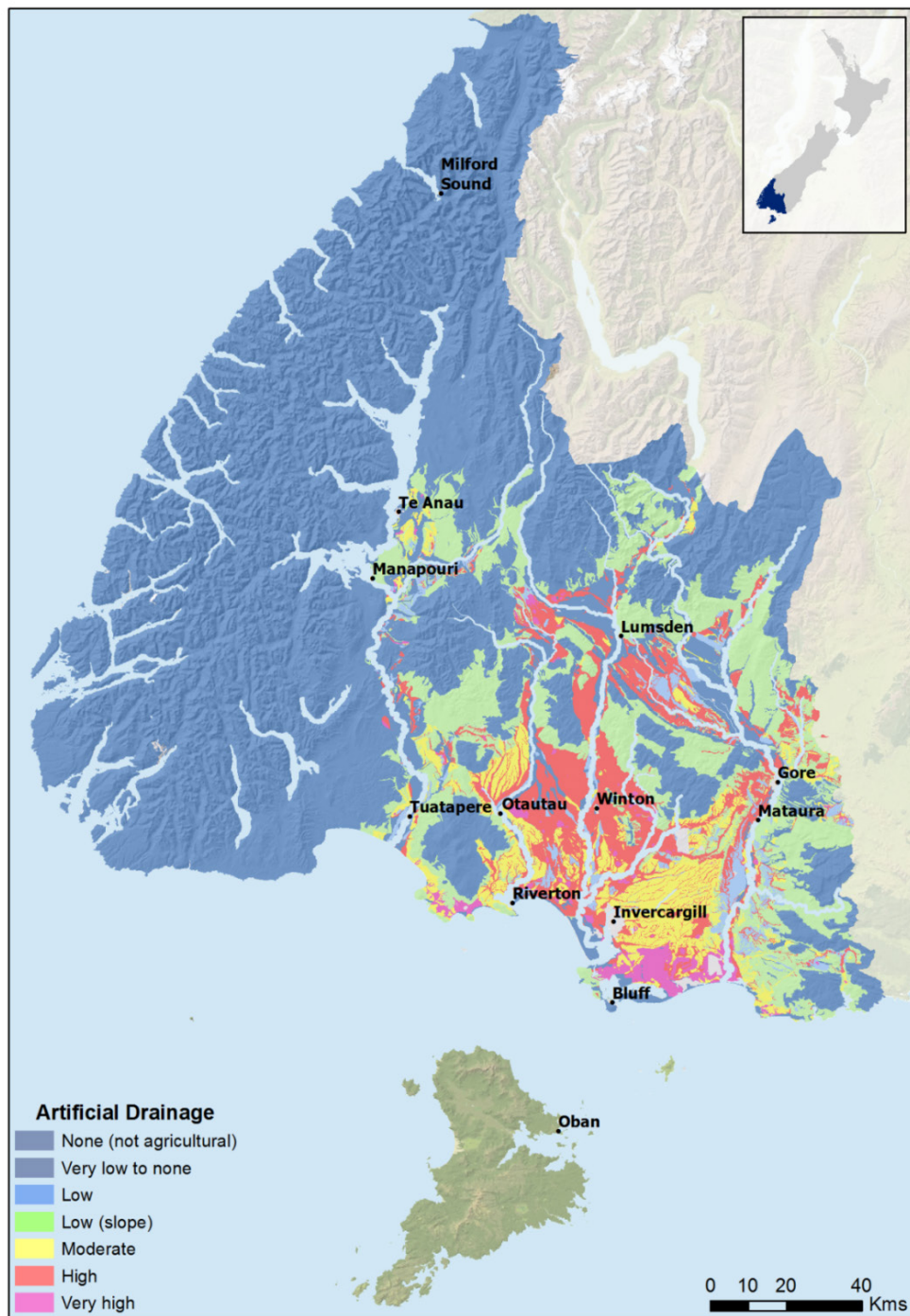
*Soil anion storage capacity*

## Reduction potential



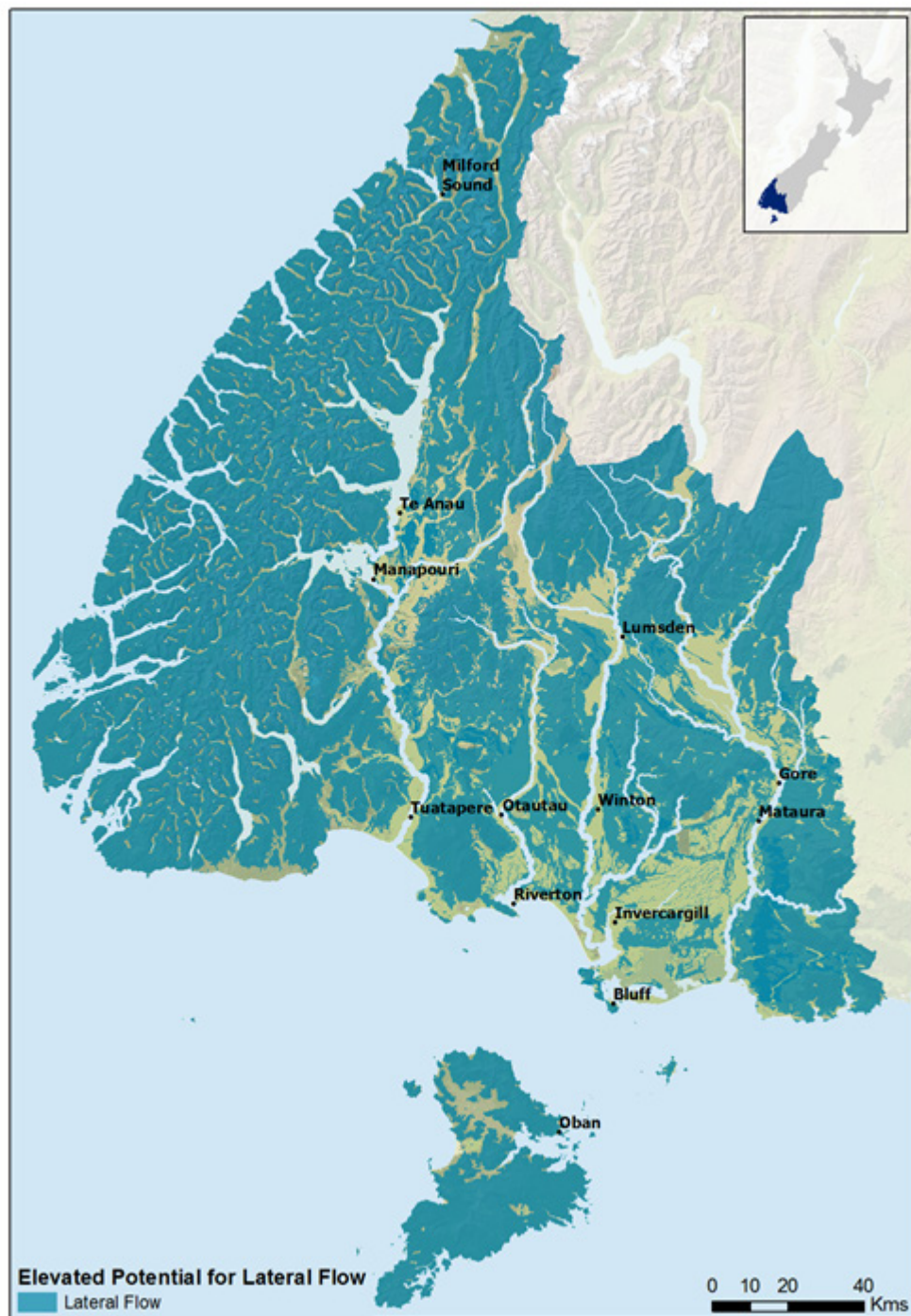
*Soil reduction potential*

## Artificial drainage density



*Artificial drainage density*

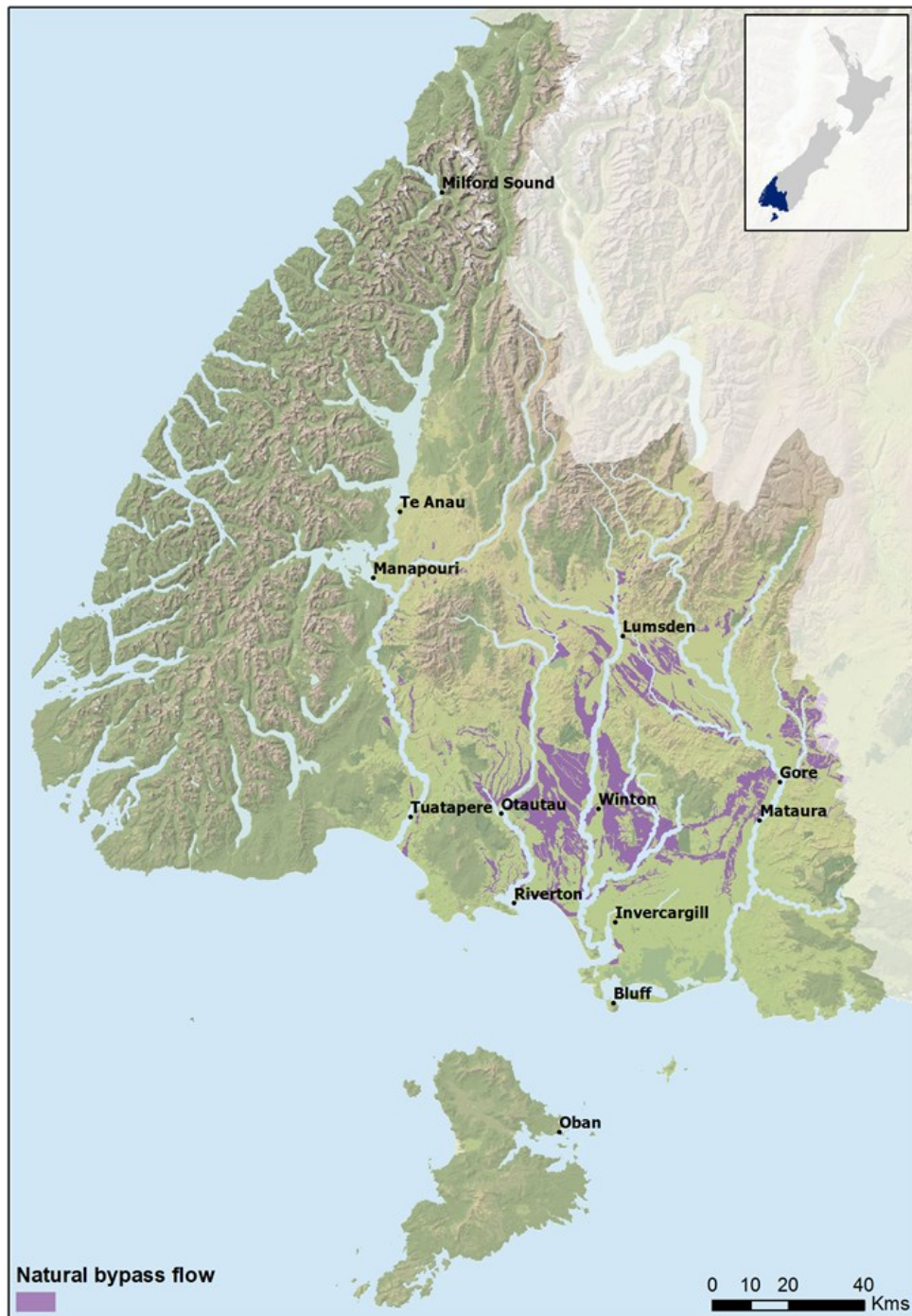
## Lateral drainage potential



*Areas identified as having elevated potential for lateral flow*



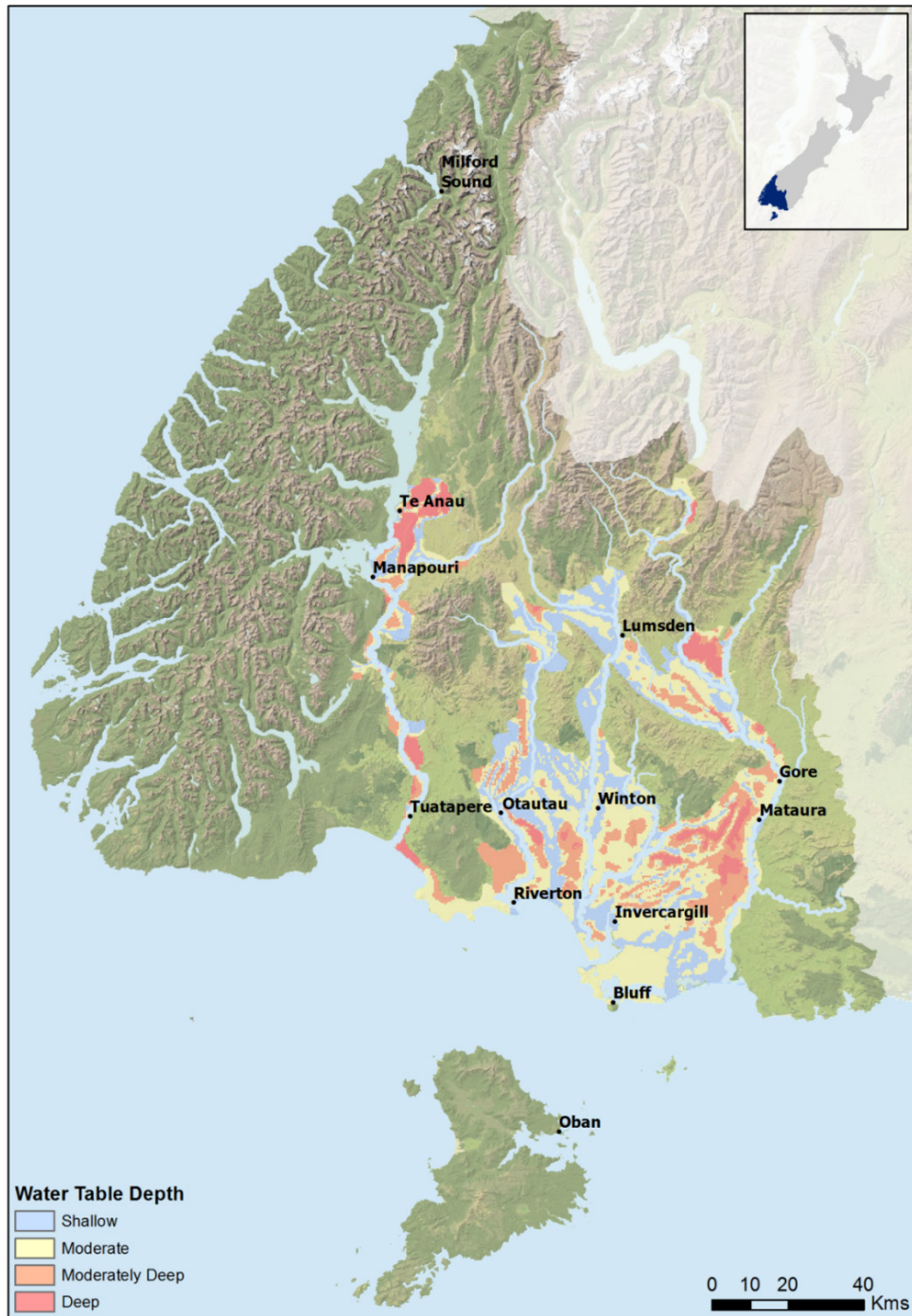
## Natural bypass flow



*Areas identified as having elevated potential for natural bypass flow to groundwater*

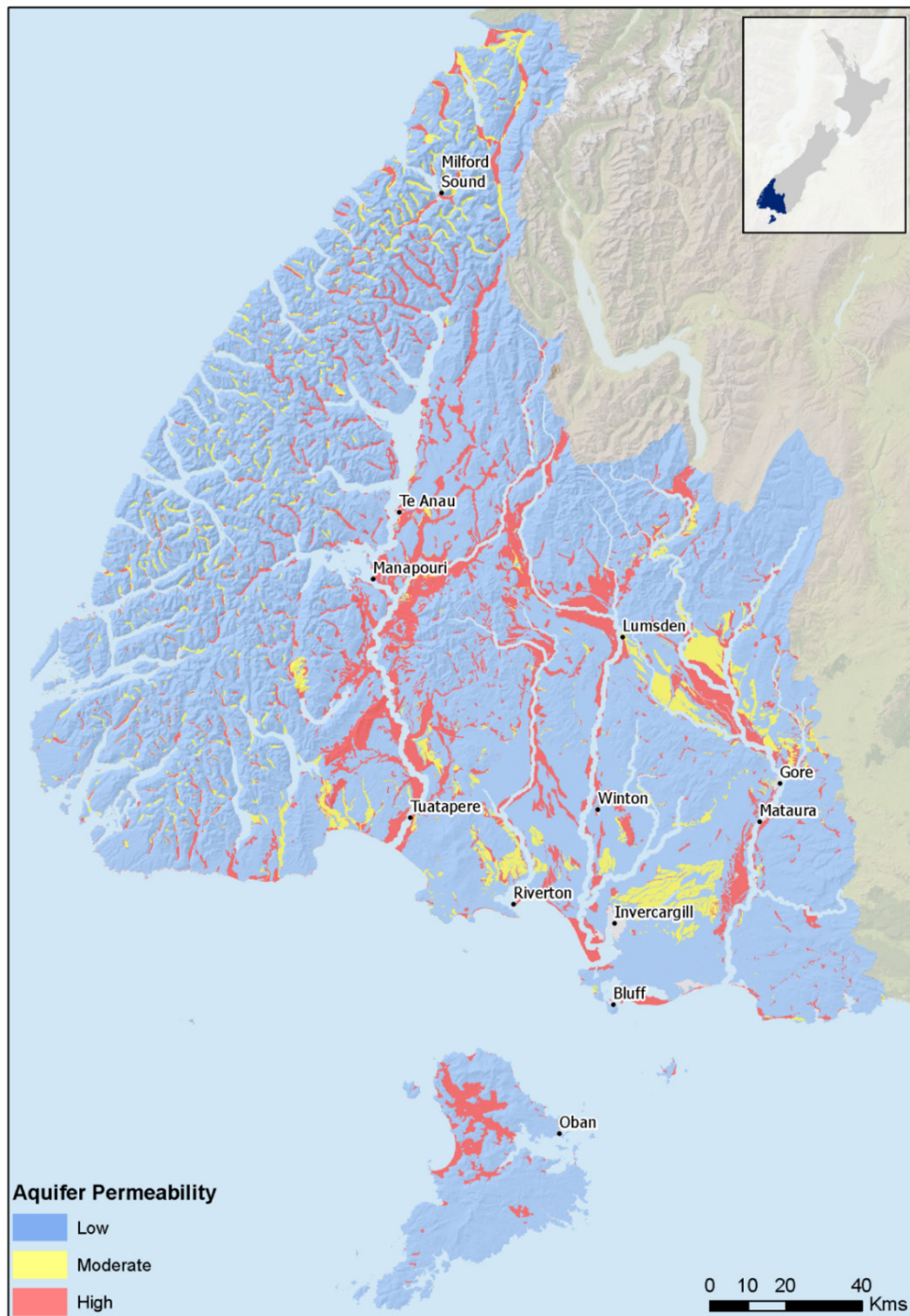
## Saturated zone characteristics

### Water table depth



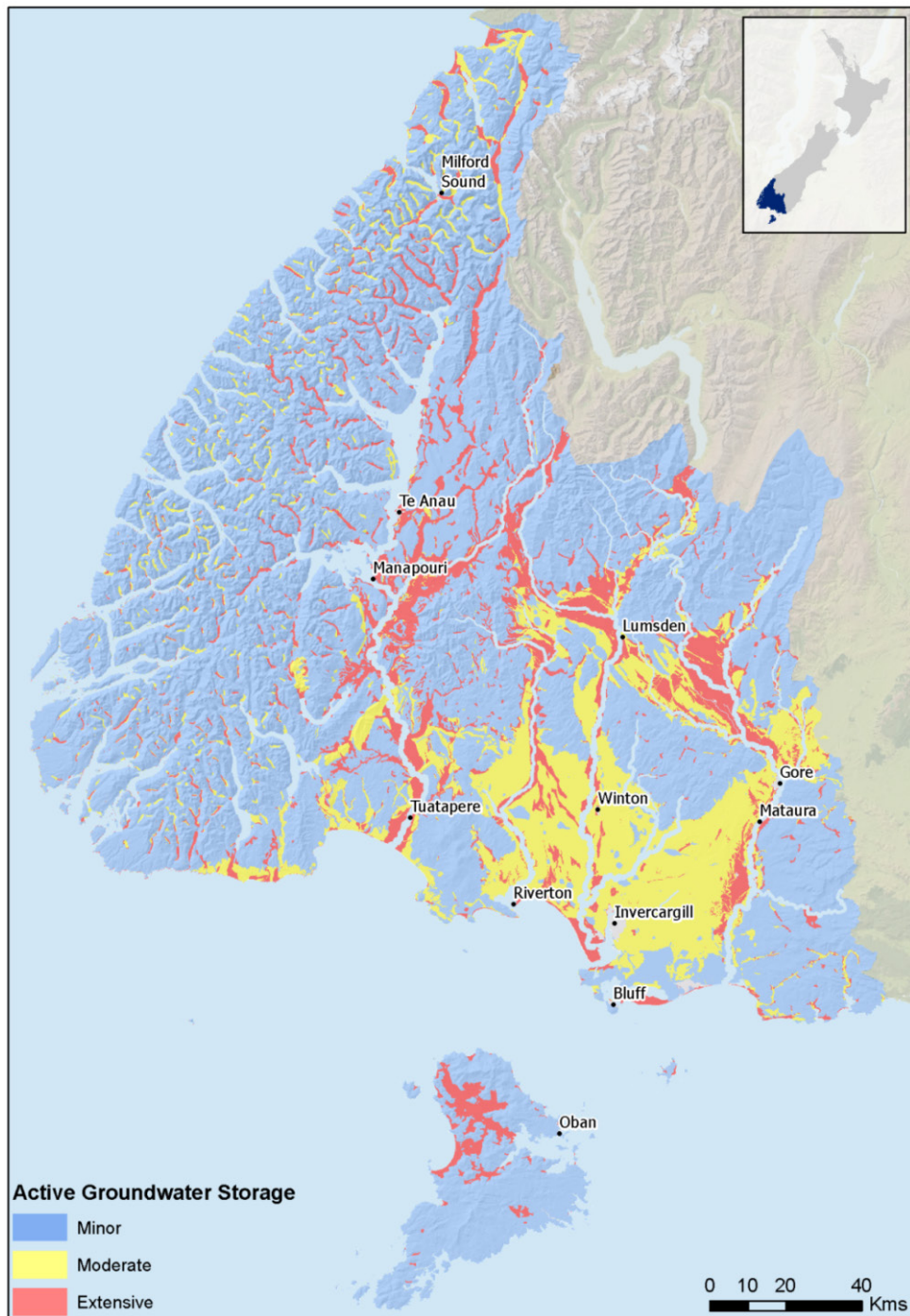
*Water table depth*

## Aquifer permeability



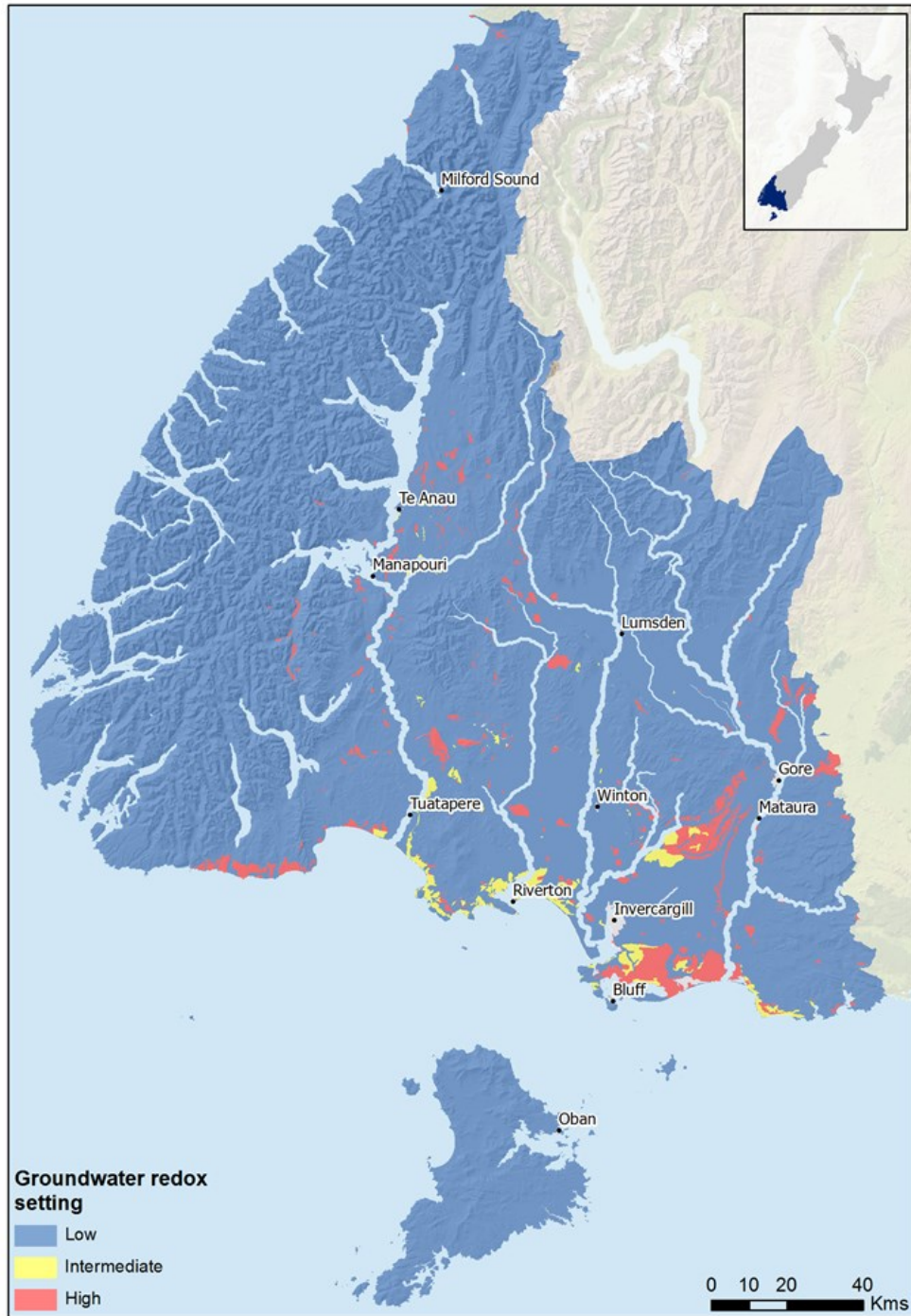
*Aquifer permeability*

## Active groundwater storage



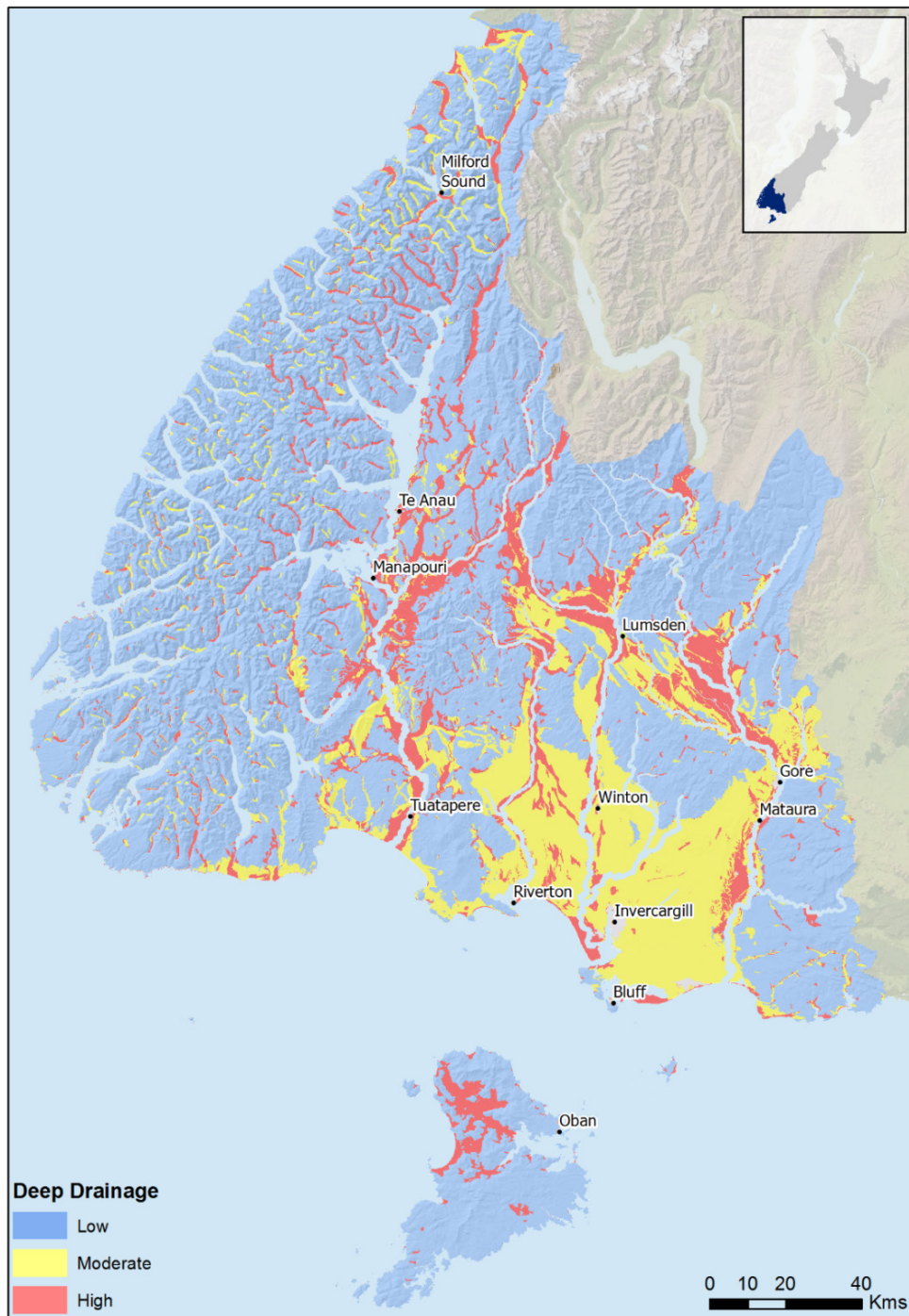
*Active groundwater storage*

## Reduction potential



*Aquifer reduction potential*

## Deep drainage potential



*Deep drainage to groundwater potential*