



LEGEND OF SOIL TAXONOMIC UNITS ARRANGED PEDOLOGICALLY

Yellow-brown earths

- weakly to moderately leached
 - Taumata series
 - Te Tio series
- moderately to strongly leached
 - Waiotira series
- strongly leached to weakly podzolised
 - Riponui series

Podzolised yellow-brown earths

- weakly to moderately podzolised
 - Tangitiki series

Podzols

- Te Kopuru series

Yellow-brown sands

- weakly weathered
 - Pinaki series
 - Whananaki series
- moderately weathered
 - Houhora series

Brown granular loams and clays and related steepland soils

- weakly to moderately leached
 - Awapuku series
 - Te Kie series
- moderately to strongly leached
 - Mangonui series
 - Kohumaru series
- strongly to very strongly leached
 - Pakotai series
 - Rangioru series

Gley soils

- Kaitiaki series
- weakly saline
 - Takahiwai series
- podzolised
 - Kaikino series

Organic soils

- One Tree Point series
- Ruakaka series
- Otonga series

Recent soils

- Whakapara series
- Mangakahia series

LEGEND OF SOIL MAPPING UNITS ARRANGED PHYSIOGRAPHICALLY

Soils of the Flood Plains

- well to moderately well drained
 - Mf Mangakahia silt loam and clay loam
- imperfectly to very poorly drained
 - Wf Whakapara mottled clay loam
 - Wpf Mangakahia mottled clay loam

Soils of the Estuarine Flats and Former Lake Beds

- imperfectly to very poorly drained
 - Kc Takahiwai clay
 - Ka Kaitiaki clay loam
 - Ks Kaikino sand

Soils of the Coastal Sand Dune Complex

- excessively to somewhat excessively drained
 - Pf Pinaki sand
 - Wd Whananaki sand
- well to moderately well drained
 - Hd Houhora sand
 - Tt Tangitiki sandy loam and sand
- imperfectly to very poorly drained
 - Te Te Kopuru sand
 - Ot One Tree Point peaty sand
 - Rk Ruakaka peaty sandy loam
 - Rkf Ruakaka fine sandy peat
 - Rka Ruakaka loamy peat
 - Rkv Ruakaka peaty silt loam

Soils of the Undulating Terraces and Lowlands

- well to moderately well drained
 - Km Kohumaru clay
- imperfectly to very poorly drained
 - Kmf Kohumaru mottled clay
 - Pc Pakotai clay
 - Og Otonga peaty clay loam
 - Oga Otonga loamy peat

Soils of the Rolling and Hilly Land

- well to moderately well drained
 - Tm Taumata clay loam
 - Mn Mangonui clay
 - Ru Rangioru clay
 - Yc Waiotira clay loam
 - Aw Awapuku clay loam
- imperfectly to very poorly drained
 - Rp Riponui clay and sandy clay
 - Rpf Riponui sandy clay loam and sandy loam
 - Yca Waiotira clay
 - Tf Te Tio clay loam

Soils of the Steep Land

- well to moderately well drained
 - Tes Te Kie steepland soils, stony clay loam
 - Tep Te Kie steepland soils, reddish clay loam
- Drifting and/or recently stabilised sand
- Wet swamps (not investigated)
- Hill soils
- Steepland soils
- Mottled soils
- Soil Boundary

Soil Surveys by C.F.Sutherland, N.H.Taylor, and A.S.C. Wright 1937-1951, compiled by J.E.Cox et al. 1978, all of Soil Bureau, Department of Scientific and Industrial Research.

BIBLIOGRAPHIC REFERENCE: Sutherland, C.F.; Cox, J.E.; Taylor, N.H.; Wright, A.C.S. 1979: Soil map of Ahipara-Herekino area (sheets N04/05), North Island, New Zealand. Scale 1:100 000 N.Z. Soil Bureau Map 181.

SHEET INDEX

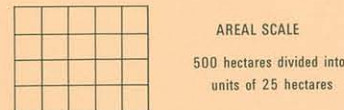
NEW ZEALAND LAND INVENTORY

SCALE 1 : 100 000



This map is drawn on the New Zealand Map Grid Projection, a minimum-error conformal projection. The grid is the New Zealand Map Grid, showing coordinates in metres in terms of the Geodetic Datum 1949, based on the International (Hayford) Spheroid.

The smallest area mapped is generally not less than 10 hectares. Calculation of areas from this map should be within the limitations of scale. For example, individual areas should be rounded to the nearest 5 hectares. Accumulated areas should be rounded to the nearest 50 hectares.



REFERENCE

- WHANGAREI Cities
- KAIKOE Towns
- Whakare Settlements
- State highways
- Other roads
- Tracks
- Railways
- Rivers and streams
- Trig stations
- Vincule (separate parcels under same ownership)
- Land holding boundaries
- Sand and mud



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This map is one of a series. Themes mapped in this study are—Land Tenure and Holding, Rock Types and Surface Deposits, Soils, Existing Land Use, Wildlife.

Soil Information
 M Soil Bureau Map Nos for adjacent sheets
 COMPILATION NOTE—The base map is compiled from the NZMS 1 series (1:63360) dated 1971, 75