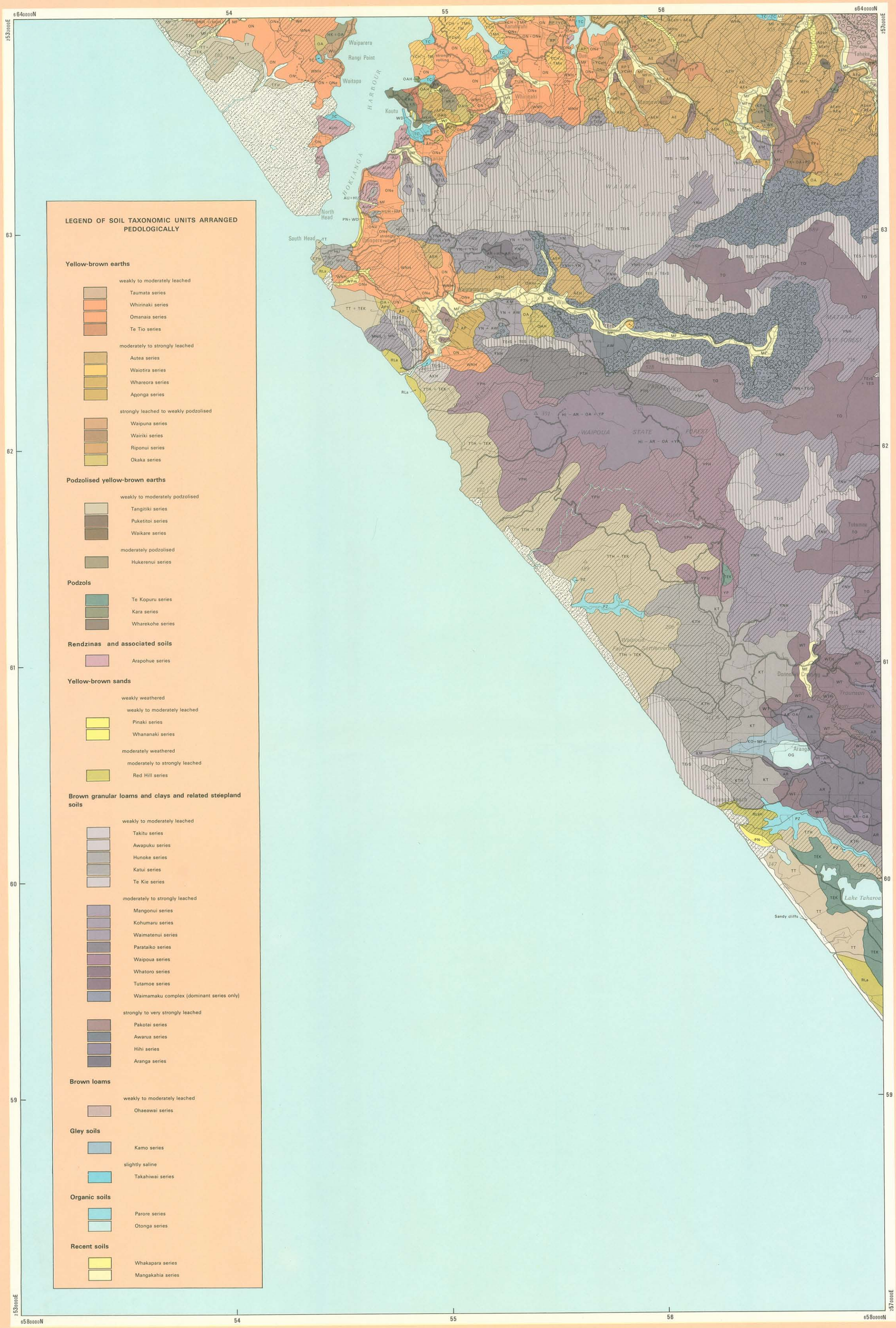
WAIPOUA–ARANGA



LEGEND OF SOIL TAXONOMIC UNITS ARRANGED PEDOLOGICALLY

Yellow-brown earths

weakly to moderately leached
- Taumata series
- Whirinaki series
- Omanaia series
- Te Tio series

moderately to strongly leached
- Autea series
- Waiotira series
- Whareora series
- Aponga series

strongly leached to weakly podzolised
- Waipuna series
- Wairiki series
- Riponui series
- Okaka series

Podzolised yellow-brown earths

weakly to moderately podzolised
- Tangitiki series
- Puketitoi series
- Waikare series

moderately podzolised
- Hukerenui series

Podzols
- Te Kopuru series
- Kara series
- Wharekohe series

Rendzinas and associated soils
- Arapohue series

Yellow-brown sands

weakly weathered

weakly to moderately leached
- Pinaki series
- Whananaki series

moderately weathered

moderately to strongly leached
- Red Hill series

Brown granular loams and clays and related steepland soils

weakly to moderately leached
- Takitu series
- Awapuku series
- Hunoke series
- Katui series
- Te Kie series

moderately to strongly leached
- Mangonui series
- Kohumaru series
- Waimatenui series
- Parataiko series
- Waipoua series
- Whatoro series
- Tutamoe series
- Waimamaku complex (dominant series only)

strongly to very strongly leached
- Pakotai series
- Awarua series
- Hihi series
- Aranga series

Brown loams

weakly to moderately leached
- Ohaeawai series

Gley soils
- Kamo series

slightly saline
- Takahiwai series

Organic soils
- Parore 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
- WF — Whakapara silt loam and clay loam
- MF — Mangakahia silt loam and clay loam

imperfectly to very poorly drained
- WFm — Whakapara mottled clay loam
- MFm — Mangakahia mottled clay loam

Soils of the Estuarine Flats and Former Lake Beds

imperfectly to very poorly drained
- TC — Takahiwai clay

Soils of the Coastal Sand Dune Complex

excessively to somewhat excessively drained
- PN — Pinaki sand
- WD — Whananaki sand

well to moderately well drained
- RLsH / RLa — Red Hill sand
- TTH / TT — Tangikiti sandy loam and sand

imperfectly to very poorly drained
- TEK — Te Kopuru sand
- PZ — Parore peaty sandy loam

Soils of the Undulating Terraces and Lowlands

well to moderately well drained
- WO — Whareora clay loam
- KM — Kohumaru clay

imperfectly to very poorly drained
- KRa — Kara sandy loam
- KR — Kara silt loam
- KRe — Kara clay
- PC — Pakotai clay
- WU — Waipuna clay
- KO — Kamo clay loam
- OG — Otonga peaty clay loam

Soils of the Rolling and Hilly land

well to moderately well drained
- TMH / TM — Taumata clay loam
- TUH / TU — Takitu gravelly clay loam
- KTH / KT — Katui clay loam
- PTH — Parataiko silt loam
- WTH / WT — Whatoro clay
- OW — Ohaeawai silt loam
- OWs — Ohaeawai shallow bouldery silt loam
- WNH — Whirinaki clay loam
- ONH / ON — Omanaia clay loam
- AEH / AE — Autea clay loam and silty clay loam
- YOH — Waiotira clay loam
- AKH — Awapuku clay loam
- HUH / HU — Hunoke stony clay loam
- YNH / YN — Waimatenui clay
- MNH / MN — Mangonui clay
- YPH / YP — Waipoua clay
- TO — Tutamoe friable clay
- AW — Awarua clay
- AR — Aranga clay
- WCH / WC — Waimamaku bouldery complex

imperfectly to very poorly drained
- AEeH / AEe — Autea clay
- YCeH / YCe — Waiotira clay
- KPH / AP — Aponga clay
- YR — Wairiki clay loam and silt loam
- RP — Riponui clay and sandy clay
- RPa — Riponui sandy clay loam and sandy loam
- PD — Puketitoi sandy loam
- ONe — Omanaia clay loam with coarse structured subsoil
- TF — Te tio clay loam
- OAH / OA — Okaka clay and silty clay
- YK — Waikare silt loam
- HKH / HK — Hukerenui silt loam
- WK — Wharekohe silt loam
- HI — Hihi clay
- AUH / AU — Arapohue clay

Soils of the Steep land

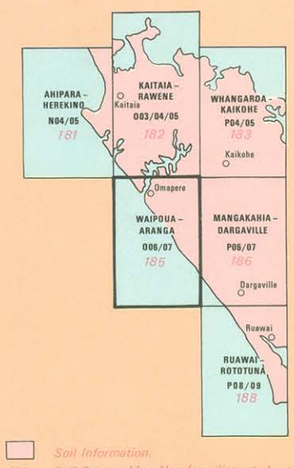
well to moderately well drained
- TEH / TES — Te Kie steepland soils, stony clay loam
- TEHs / TEHS — Te Kie steepland soils, reddish clay loam

- Drifting and/or recently stabilised sands
- Wet swamps (not investigated)
- Hill soils
- Steepland soils
- Mottled soils
- Gravelly soils
- Bouldery soils
- TM — Soil Boundary

Soil surveys by C.F. Sutherland, N.H. Taylor and A.C.S. 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. 1980: Soil map of Waipoua-Aranga area (sheets 006/07), North Island, New Zealand. Scale 1:100 000 *N.Z. Soil Bureau Map 185*.

SHEET INDEX



Soil Information.
182 Soil Bureau Map Nos for adjacent sheets.

COMPILATION NOTE:– The base map is compiled from the NZMS 1 series (1:63360) dated 1972, 75

EDITION 1 1980

NEW ZEALAND LAND INVENTORY

SCALE 1 : 100 000

Metres 1000 0 1 2 3 4 5 6 7 8 Kilometres

REFERENCE

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

HEIGHTS ARE IN METRES ABOVE MEAN SEA LEVEL

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.

AREAL SCALE
500 hectares divided into units of 25 hectares

Published by the Department of Lands and Survey, New Zealand, under the authority of I.F.Stirling, Surveyor General.

P.D.Hasselberg, Government Printer, Wellington, New Zealand.

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.