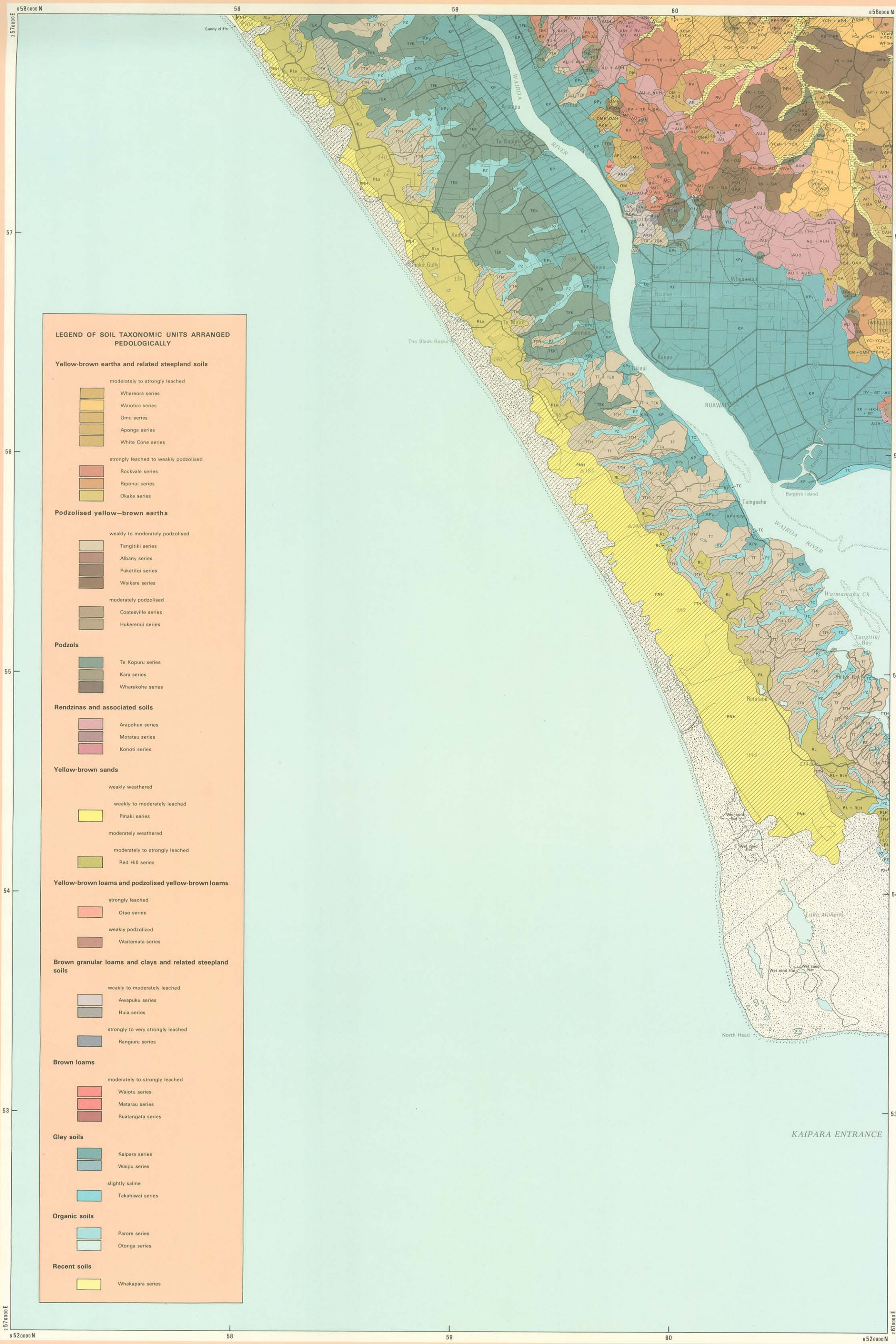


OILS
/ Rototuna
08/09

Re-Order Filemaster "D"
SELF-ADHESIVE PLAN HANGER
Patent Number 137841

NZMS 290 SHEET P08/09

RUAWAI-ROTOTUNA



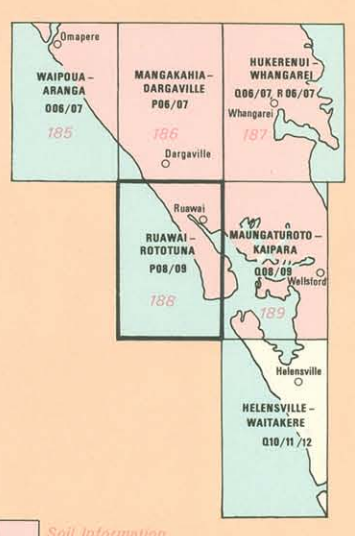
LEGEND OF SOILS MAPPING UNITS ARRANGED PHYSIOGRAPHICALLY

- Soils of the Flood Plains**
 - imperfectly to very poor drained
 - Whakapara mottled clay loam
- Soils of the Estuarine Flats and Former Lake Beds**
 - imperfectly to very poorly drained
 - Takahiwai clay
 - Kaipara clay and clay loam
 - Kaipara peaty clay loam
- Soils of the Coastal Sand Dune Complex**
 - excessively to somewhat excessively drained
 - Pinaki sand
 - well to moderately well drained
 - Red Hill sand
 - Red Hill sandy loam
 - Tangitiki sandy loam and sand
 - imperfectly to very poorly drained
 - Te Kopuru sand
 - Parore peaty sandy loam
- Soils of the Undulating Terraces and Lowlands**
 - well to moderately well drained
 - Otao-Waiemata-Albany-Coatesville-Otonga complex
 - Whareora clay loam
 - imperfectly to very poorly drained
 - Kara sandy loam
 - Kara silt loam
 - Kara silt loam with pan
 - Kara clay
 - Waipu clay
 - Waipu peaty silt loam and peaty clay
- Soils of the Rolling and Hilly Land**
 - well to moderately well drained
 - Waiotu friable clay
 - Ruatangata friable clay
 - Rangiora clay
 - Waiotira clay loam
 - Omu clay loam
 - Awapuku clay loam
 - Matarau friable clay
 - imperfectly to very poorly drained
 - Waiotira clay
 - Aponga clay
 - Riponui clay and sandy clay
 - Riponui sandy clay loam and sandy loam
 - Puketitiro sandy loam
 - Konoti clay
 - Rockvale clay
 - Rockvale clay with coarse-structured subsoil
 - Okaka clay and silty clay
 - Waikare silt loam
 - Hukerenui silt loam
 - Wharekohe silt loam
 - Motatau clay
 - Arapohue clay
 - Arapohue deep clay
- Soils of the Steep Land**
 - well to moderately well drained
 - White Cone steepland soils, sandy clay loam
 - Huia steepland soils, stony clay and stony silt loam
 - Drifting and/or recently stabilised sands
 - Hill soils
 - Steepland soils
 - Mottled soils
 - 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.

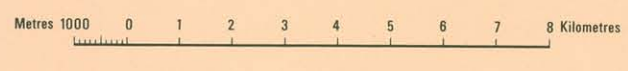
BIBLIOGRAPHIC REFERENCE: Sutherland, C.F.; Cox, J.E.; Taylor, N.H.; Wright, A.C.S. 1980. Soil map of Ruawai-Rototuna area (sheets P08/09), North Island, New Zealand. Scale 1:100 000 N.Z. Soil Bureau Map 188.

SHEET INDEX



NEW ZEALAND LAND INVENTORY

SCALE 1 : 100 000

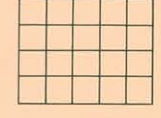


REFERENCE

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

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.