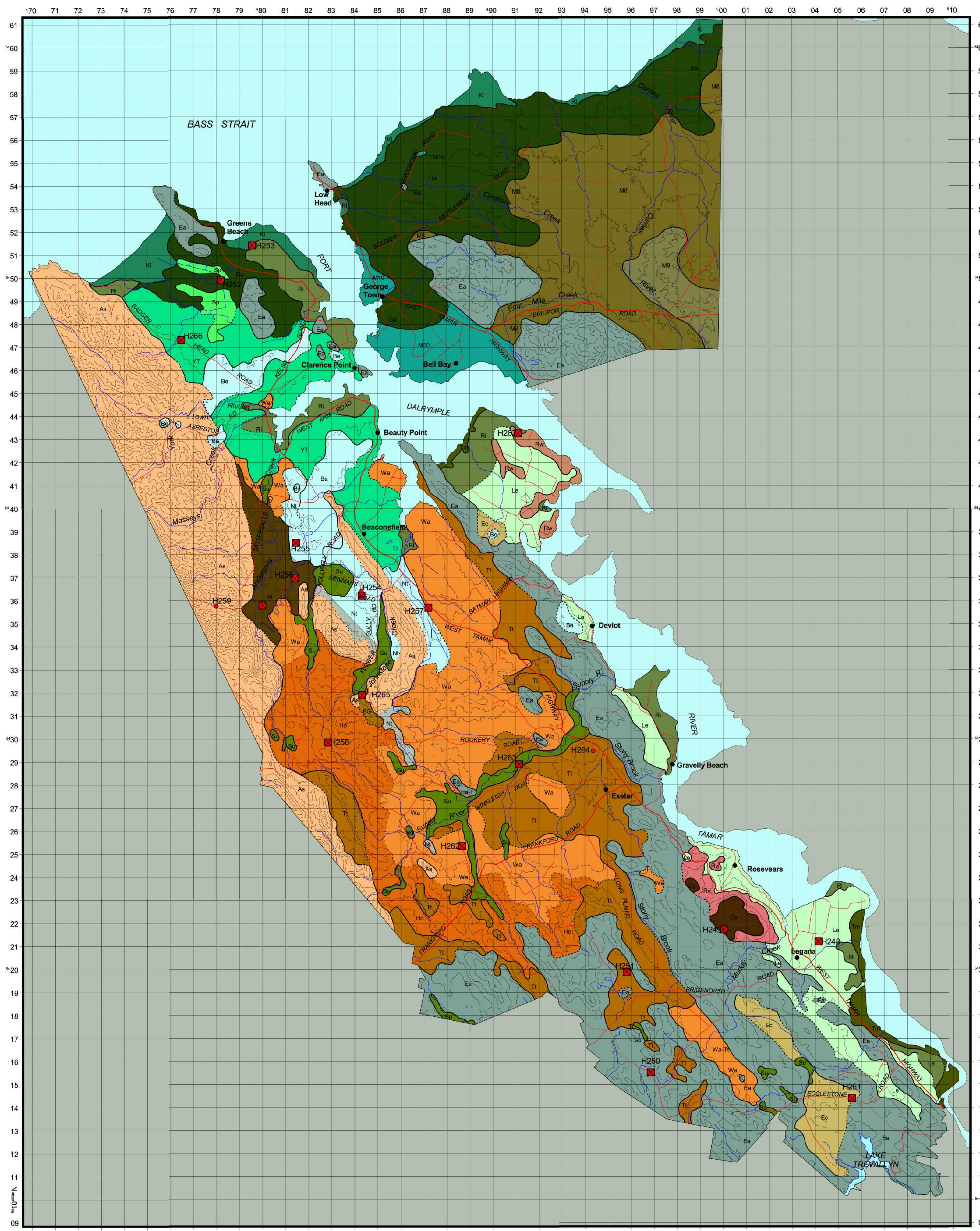


RECONNAISSANCE SOIL MAP SERIES OF TASMANIA BEACONSFIELD-GEORGE TOWN



MAP USERS NOTE

The information on this map is based on the original field work of G.M. Dimmock & K.D. Nicolls, CSIRO Division of Soils, Adelaide. The map has been updated and reprinted by the Tasmanian Department of Primary Industries, Water and Environment. Some soil boundaries or map unit codes may differ from the original maps. No attempt has been made to determine the reliability or accuracy of this map. The Crown, in the right of the State of Tasmania, does not accept any responsibility for any loss or damage which may result to any person arising from reliance on all or any part of this information, whether or not that loss or damage has resulted from negligence or any other cause.

The map provides an appraisal of the soil distribution based on landforms, climate and geology. The soil boundaries have been delineated through aerial photo-interpretation and limited field work. Although the original map was surveyed at a scale of 1:63 360 (1 inch:1 mile), it has been reprinted at a scale of 1:100 000. This map should not be enlarged and should be used in conjunction with the accompanying soil report which gives additional information for the soil map units described below.

Original work by G.M. Dimmock & K.D. Nicolls
Updated by S. Spanswick & D. Kidd

Refer to this map and the accompanying report as:
G.M. Dimmock, S.B. Spanswick & D.B. Kidd, (2001)
Revised Beaconsfield-George Town Reconnaissance
Soil Map of Tasmania. Department of Primary
Industries, Water & Environment.

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Environment, Tasmania, 2001

Acknowledgments

Soils surveyed by G.M. Dimmock, (1964) & K.D. Nicolls (1957). CSIRO Division of Soils, Adelaide.

Soil data correlated by S. Spanswick and D. Kidd (2000).
Soil map digitised by J. Farrell (1993/1994).
G.I.S. by T. Davidson (2000).
Map design and layout by T. Davidson (2000).

Base map data supplied by Land Information Services, Department of Primary Industries, Water and Environment, Tasmania.

Contour interval: 50 metres

Projection: Universal Transverse Mercator

Map Reliability
The original data was in Transverse Mercator Projection, with measurements in yards and elevation in feet. The map was subsequently converted to AMG via an undocumented procedure. Some soil boundaries and soil survey sites digitised from the original CSIRO reconnaissance soil maps contain appreciable error inherent from the source maps.

SCALE 1:100000



- Laboratory reference sites for identified dominant soils
- Type profiles for associated minor soils
- Soil Boundaries
 - Well defined
 - - - - - Interpreted from air photos
 - · · · · Broad transition

SOIL LEGEND

MAP UNIT	MAP UNIT CONCEPT	AUSTRALIAN SOIL CLASSIFICATION FOR DOMINANT SOILS	GREAT SOIL GROUP FOR DOMINANT SOILS	SOIL PROFILE CLASS FOR DOMINANT SOIL	MAP UNIT	MAP UNIT CONCEPT	AUSTRALIAN SOIL CLASSIFICATION FOR DOMINANT SOILS	GREAT SOIL GROUP FOR DOMINANT SOILS	SOIL PROFILE CLASS FOR DOMINANT SOIL
SOILS DEVELOPED ON HARD ROCKS					SOILS ON UNCONSOLIDATED MATERIALS (CONT)				
Ca Craythome Association	Soils developed from Tertiary basalt on rolling plateau tops.	Ferrosols	Krasnozems	Insufficient data	Su Supply Association	Soils developed from recent alluvium on present-day floodplains. Includes some older terrace remnants.	Hydrosols	Fine textured soils	Insufficient data
Ea Eastfield Association	Imperfectly drained texture contrast soils developed from Jurassic dolerite on rugged hilly land with frequent rock outcrops.	Chromosols with small areas of Ferrosols	Grey-brown Podzolic	Eastfield SPC	Dal Dalrymple Association	Soils developed from Pleistocene littoral sands on gently undulating sand plains ranging in elevation from 9m to 30m or more.	Podosols and Hydrosols	Podzols and Ground Water Podzols	Insufficient data
Ea-F Eastfield - Krasnozem Complex	As above with small areas of krasnozems.	Chromosols with small areas of Ferrosols	Grey-brown Podzolic with small area of Krasnozems	Eastfield SPC	Kl Kelso Association	Soils developed from recent calcareous sands on stabilised dunes and beach ridges.	Podosols and Tenosols	Calcareous sands	Insufficient data
As Asbestos Association	Soils developed from Precambrian and lower Palaeozoic quartzites, phyllites and conglomerates on steep and stony land.	Rudosols, Dermosols & Kandosols	Lithosols, Yellow Podzolics with some Red Podzolics	Insufficient data	Sp Stockport Association	Soils developed from Pleistocene or recent swamp deposits on lagoon floors with small area of super-imposed sand dunes.	Hydrosols	Fine textured Hydromorphic soils with some Ground Water Podzols	Insufficient data
Nt Norton Association	Soils developed from Cambrian and Ordovician slates, sandstones & siltstones on low gently rolling to rolling land.	Kandosols	Yellow Podzolics	Insufficient data	Tm Tamar Association	Soils developed from recent estuarine deposits on low-lying waterlogged flats less than 2m above High Water Mark.	Hydrosols	Fine textured saline gleyed soils	Insufficient data
Wa Warrina Association	Soils developed from Permian mudstone, siltstone on very gently undulating to rolling or hilly land below 150m.	Kurosols	Yellow Podzolics	Warrina SPC	SOILS ON A MIXTURE OF UNCONSOLIDATED SEDIMENTS & HARD ROCK				
Ho Howell Association	Soils developed from Permian mudstone above 150m and below 450m.	Kandosols	Yellow Podzolics	Insufficient data	Ec Ecclestone Association	Soils developed from lateritized Jurassic dolerite, Tertiary ferruginous sediments and Jurassic dolerite on rolling to hilly land with some rock outcrops.	Ferrosols, Sodosols &/or Chromosols	Lateritic Krasnozems, Lateritic Podzolic soils and Grey-brown Podzolic soils	Insufficient data
Tl Tatana Association	Soils developed from Permian and Triassic siliceous sandstones on very gently undulating to gently rolling land.	Podosols	Podzols	Insufficient data	Rv Rosevears Association	Soils developed from mixed Tertiary clays and basalt on rolling to hilly land with frequent slump benches and some steep rocky scarps.	Chromosols, Ferrosols & Dermosols	Yellow Podzolics, Krasnozems and shallow brown soils	Insufficient data
FG Flowery Gully Association	Soils developed from Ordovician limestones on steep slopes with subdued rock outcrops and some sink holes.	Ferrosols, Calcarosols	Terra Rossas and other soils	Insufficient data	Rw Rowella Association	Soils developed from Tertiary sands and clays on easy rolling to rolling low Tertiary basalt plateaus with steep edges. Some basalt soils.	Chromosols, Podosols & Ferrosols	Yellow Podzolics, Podzols and Non-calcic Brown soils	Insufficient data
Vl Vulcan Association	Soil developed from Cambrian ultrabasic rocks from gently rolling to rolling land. Much ironstone gravel on surface, a few strong outcrops of "iron ore" capping low hills.	Ferrosols and other soils	Lateritic Krasnozems and other soils	Insufficient data	MISCELLANEOUS SOILS ON LOWER DEVONIAN TO CAMBRIAN ROCKS				
SOILS ON UNCONSOLIDATED MATERIALS					M8 Miscellaneous Soils 8	Miscellaneous soils developed from lower Devonian to Cambrian quartzite & schist on low hills 60-90m above sea level.	Insufficient data	Insufficient data	Insufficient data
Le Legana Association	Soils developed from Tertiary sands, clays and gravels on gently rolling to rolling land.	Chromosols, Ferrosols & Podosols	Yellow Podzolics, Lateritic Podzolics and Podzols	Insufficient data	M9 Miscellaneous Soils 9	Miscellaneous soils developed from Lower Devonian to Cambrian slate & schist on low hills.	Insufficient data	Insufficient data	Insufficient data
Be Beaconsfield Association	Soils developed from late Tertiary quartz sands and gravels on undulating surfaces ranging in elevation from 140m in SW to 30m in NE. Much white angular quartz gravel on surface.	Podosols	Podzols	Insufficient data	MISCELLANEOUS DISTURBED SOILS				
Yt York Town Association	Soils developed from Tertiary clays and gravels on gently undulating to gently rolling plains.	Chromosols, Podosols	Yellow Podzolics, Podzols	Insufficient data	M10 Miscellaneous Soils 10	Miscellaneous disturbed soils developed from Tertiary basalt and river terraces currently under urban & industrial development.	Insufficient data	Insufficient data	Insufficient data
Ri Robigana Association	Soils developed from Pleistocene and recent marine sediments on marine benches at 3-5m, 9m and 12-15m above sea level. Some superimposed low sand dunes in places.	Podosols and unknown	Podzols, black clays, saline soils, shallow brown soils	Insufficient data					



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BEACONSFIELD -GEORGE TOWN

TASMANIA

1:100000

