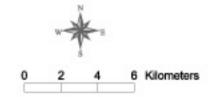
Tooradin Somerville Tyabb Western Port French (Island) Hasting Bitter Fairhaven Ny Crib Point Stony Point Νv Balnarring Corinella BI Da F Ventnor Ħ Da mm:s Bass m -Da Newhaven Pi (EI riv FI Sz Kilcunda riv Cape **Bass Strait** Woolamai cd

Soils and Landforms of West Gippsland

French Island, Phillip Island and Bass Coast



Based on Sargeant and Imhof (2002) Department of Primary Industries

Name Bittern Bu Buffalo Da Dalmore French Island FI Flinders Heath mounds Hm Koonwarra Ko Kw Kongwak Loch Lo Me Merricks Monomeith Mn Ny Nyora Phillip Island Ρi Sz Strzelecki Wm Woolamai coastal dune cd riv riverine rm recent marine sw swamp td tidal flat

Landform

Gently Undulating Plain Gently Undulating Plain Lacustrine Plain Dunefield and Sand Plain Undulating Plain Dunefield and Sand Plain Undulating Hills Rolling Low Hills Undulating Rises Alluvial Plain Alluvial Plain Dune Field Undulating Low Hills Rolling to Steep Hills

Dune Field Narrow Alluvial Plain Marine Plain Lacustrine Plain Marine Plain

Rolling Low Hills

Geology

Late Tertiary (Pliocene) sediments Pleistocene (late) sediments Recent sediments

Pleistocene to Recent aeolian sediments Tertiary basalt

Pleistocene aeolian with alluvial sediments

Cretaceous sediments Paleozoic sediments Cretaceous sediments

Pleistocene (late) & Recent sediments Pleistocene (late) sediments

Pleistocene to Recent aeolian sediments Tertiary basalts

Cretaceous sediments

Devonian granites and aeolian sediments

Recent sediments Recent sediments Recent sediments (marine)

Dominant Soils

Yelllow and Brown CHROMOSOLS

Yellow and Grey DERMOSOLS (possibly KANDOSOLS)

Aquic and Black VERTOSOLS Aeric and Aquic PODOSOLS Grey to Brown SODOSOLS

Aeric PODOSOLS

Yellow and Brown KUROSOLS Yellow and Brown CHROMOSOLS Yellow and Brown DERMOSOLS

Redoxic HYDROSOLS

Grey, Yellow and Brown SODOSOLS

Aeric PODOSOLS Red CHROMOSOLS

Grey, Yellow and Brown DERMOSOLS

Arenic RUDOSOLS

Sandy CALCAROSOLS, often shelly HYDROSOLS

Extratidal HYDROSOLS HYDROSOLS Intertidal HYDROSOLS

Complexes (subdominant units)

FI/Me Flinders with Merricks IIIII FI/Pi Flinders with Phillip Island Complexes (co-dominant units)

Flinders and Phillip Island FI:Pi Flinders and Merricks FI:Me

Other units

//// Bl.s/Ny ////, Fl,c FI,s //// Me,c

// Me:Me,c

Ko,s

rm,s

Bittern, sandy surface with Nyora Flinders, clay

Flinders, sand overlay Merricks, clay

Merricks and Merricks, clay Koonwarra, sand overlay recent marine, sandy