



Soils and Landforms of West Gippsland

French Island, Phillip Island and Bass Coast

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

Name	Landform	Geology	Dominant Soils
Bi Bittern	Gently Undulating Plain	Late Tertiary (Pliocene) sediments	Yellow and Brown CHROMOSOLS
Bu Buffalo	Gently Undulating Plain	Pleistocene (late) sediments	Yellow and Grey DERMOSOLS (possibly KANDOSOLS)
Da Dalmore	Lacustrine Plain	Recent sediments	Aquic and Black VERTOSOLS
Fi French Island	Dunefield and Sand Plain	Pleistocene to Recent aeolian sediments	Aeric and Aquic PODOSOLS
Fl Flinders	Undulating Plain	Tertiary basalt	Grey to Brown SODOSOLS
Hm Heath mounds	Dunefield and Sand Plain	Pleistocene aeolian with alluvial sediments	Aeric PODOSOLS
Ko Koonwarra	Undulating Hills	Pleistocene sediments	Yellow and Brown KUROSOOLS
Kw Kongwak	Rolling Low Hills	Cretaceous sediments	Yellow and Brown CHROMOSOLS
Lo Loch	Undulating Rises	Paleozoic sediments	Yellow and Brown DERMOSOLS
Me Merricks	Alluvial Plain	Cretaceous sediments	Redoxic HYDROSOLS
Mn Monomeith	Alluvial Plain	Pleistocene (late) & Recent sediments	Grey, Yellow and Brown SODOSOLS
Ny Nyora	Dune Field	Pleistocene (late) sediments	Aeric PODOSOLS
Pi Phillip Island	Undulating Low Hills	Pleistocene to Recent aeolian sediments	Red CHROMOSOLS
Sz Strzelecki	Rolling to Steep Hills	Tertiary basalts	Grey, Yellow and Brown DERMOSOLS
Wm Woolamai	Rolling Low Hills	Cretaceous sediments	Arenic RUDOSOLS
cd coastal dune	Dune Field	Devonian granites and aeolian sediments	
riv riverine	Narrow Alluvial Plain	Recent sediments	Sandy CALCARIOSOLS, often shelly
rm recent marine	Marine Plain	Recent sediments	HYDROSOLS
sw swamp	Lacustrine Plain	Recent sediments (marine)	Extratidal HYDROSOLS
td tidal flat	Marine Plain		HYDROSOLS
			Intertidal HYDROSOLS

Complexes (subdominant units)	Other units
Fl/Me Flinders with Merricks	Bl,s/Ny Bittern, sandy surface with Nyora
Fl/Pi Flinders with Phillip Island	Fl,c Flinders, clay
Complexes (co-dominant units)	Fl,s Flinders, sand overlay
Fl:Pi Flinders and Phillip Island	Me,c Merricks, clay
Fl:Me Flinders and Merricks	Me:Me,c Merricks and Merricks, clay
	Ko,s Koonwarra, sand overlay
	rm,s recent marine, sandy