

Fossil collecting is no longer practicable, at most of the suburban Palaeozoic localities, but there have been some notable finds in the past, even in the city area. Shelly and other marine fossils have been found in building foundations and during street construction, in the Dargile Formation in particular. The Black Rock Sandstone, part of the Pliocene Brighton Group mentioned earlier, contains similar marine shells at the Beaumaris type locality. Sharks teeth, whale, penguin and albatross bones have also been retrieved from here.

### Melbourne : Geology

Scale 1:200,000

		Alluvium
Recent		Sand, gravel
		Silt, silty clays Swamp deposits
		Hillwash, terraces
Pleistocene		Dunes, wind blown silt
		Newer Volcanics Olivine basalt, scoria; Eruption point
Pliocene		Brighton Group Marine, non marine sand, Ricketts Pt. silt; quartzite
Miocene		Greensborough Volcanics Olivine basalt
Eocene		Older Volcanics Olivine titanaugite basalt
		Lysterfield, Bulla, Mt.Eliza Granodiorites Granodiorite, granite, porphyrite
		Ferry Creek Rhyodacite Rhyodacite
		Kalorama and Mt.Evelyn Rhyodacites Rhyodacite, rhyolite, tuff
Upper		Coldstream Rhyolite Rhyolite, rhyodacite
		Humevale Formation Siltstone, sandstone; limestone lenses
		Dargile Formation Sandstone, mudstone, shale
Middle		Anderson Creek Formation Massive mudstone; sandstone, shale
Lower		Deep Creek and Springfield Formation Massive mudstone; sandstone, shale
Upper		Bolinda Shale Shale, sandstone



Geology FIG. 4.4 "Atlas of Victoria 1982"

# Foreword

The Atlas of Victoria Committee has worked for five years under the aegis of the Projects Division of the Department of the Premier. The culmination of its efforts is the publication of this handsome volume, which will, I am confident, prove to be of great value as a work of reference in schools, colleges, libraries, offices and homes, not only in Victoria but across Australia, and overseas.

The Atlas incorporates many new and interesting maps as well as others, previously published, that appear now in colour and in a standardised format. Their quality and appearance reflect great credit on the compilers for their careful research, on the draughtsmen for their skill and patient attention to detail, and on the platemakers, printers and binders, for their efforts to achieve a high standard of presentation.

An atlas is not just a book illustrated with maps and pictures. Rather it is a volume of maps with supporting text and photographs. That this subordination of text to maps is rarely obvious is a tribute to the work of the Editor, Dr J. S. Duncan, whose training and experience as a geographer gave him the breadth of knowledge to deal with contributions from experts in a wide variety of subjects.

The contributors were drawn from government departments, universities and colleges, and the co-operation of the many individuals concerned and of the institutions that employ them is greatly appreciated by the Government of Victoria.

*Jan Cain*

The Hon. J. Cain, M.P.  
Premier of Victoria

