SUPPLEMENTARY MATERIAL TO:
A strontium isoscape of inland southeastern Australia

Patrice de Caritat¹, Anthony Dosseto², Florian Dux²

¹Geoscience Australia, GPO Box 378, Canberra ACT 2601, Australia
²Wollongong Isotope Geochronology Laboratory, School of Earth, Atmospheric and Life Sciences, University of Wollongong, Wollongong NSW 2522, Australia

Correspondence to: Patrice de Caritat (Patrice.deCaritat@ga.gov.au)

1 Introduction

This Supplementary Material file contains several additional high-resolution maps to assist the reader of the main article:

- Figure SM1: Sample identification
- Figure SM2: Physiographic regions
- Figure SM3: Hydrology, northern DCD
- Figure SM4: Hydrology, southern DCD
Figure SM1 (next page): The Darling-Curnamona-Delamerian (DCD) Sr isotope study area (dark blue outline) and National Geochemical Survey of Australia (NGSA) sample locations outside the DCD area (grey crosses) and inside the DCD area (bold red crosses), the latter identified by 10-digit sample identification code. NGSA catchment outlines are shown as thin blue lines, whilst towns and state capital cities (labelled) are indicated as white squares, and state borders as thick dotted lines.
Figure SM2 (next page): The Darling-Curnamona-Delamerian (DCD) Sr isotope study area (dark blue outline) and National Geochemical Survey of Australia (NGSA) sample locations (crosses) overlain on the physiographic regions of Australia (Pain et al., 2011). The Murray River is highlighted by a thick light-blue line. Towns and state capital cities are indicated as white squares, and state borders as thick dotted lines.
Figure SM3 (next page): The northern Darling-Curnamona-Delamerian (DCD) Sr isotope study area (dark blue outline) and National Geochemical Survey of Australia (NGSA) sample locations (grey crosses outside the DCD; coloured squares inside) overlain on hydrology (light blue lines, with main water courses labelled in light blue too). The colours of the squares indicate the $^{87}\text{Sr}/^{86}\text{Sr}$ values from this study as per quantile scale in Legend. At each NGSA sample site, the in-field recorded name of the closest watercourse is shown in red (C = Creek, R = River, L = Lake/s, n.a. = not available, _xxx = suffix where same name already exists).
Figure SM4 (next page): The southern Darling-Curnamona-Delamerian (DCD) Sr isotope study area (dark blue outline) and National Geochemical Survey of Australia (NGSA) sample locations (grey crosses outside the DCD; coloured squares inside) overlain on hydrology (light blue lines, with main water courses labelled in light blue too). The colours of the squares indicate the $^{87}\text{Sr}/^{86}\text{Sr}$ values from this study as per quantile scale in Legend. At each NGSA sample site, the in-field recorded name of the closest watercourse is shown in red (C = Creek, R = River, L = Lake/s, n.a. = not available, _xxx = suffix where same name already exists).
Reference