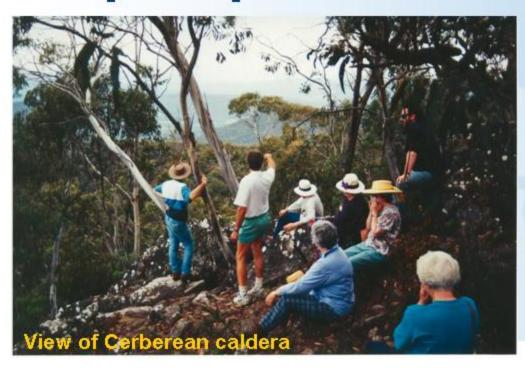
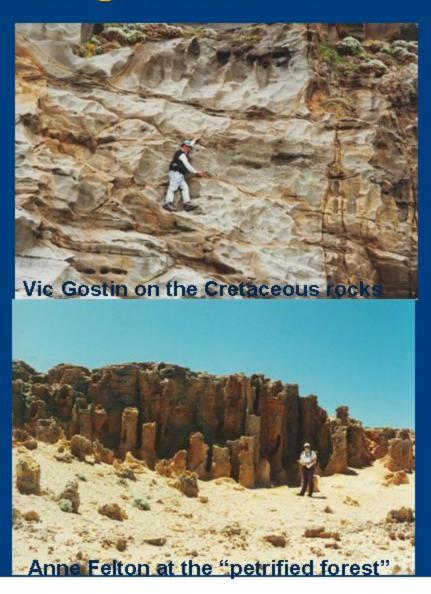


Geotourism in Australia; perspectives from the field

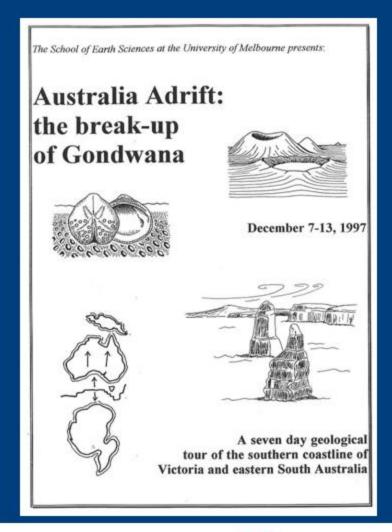


Carol Simpson

Longer Tours

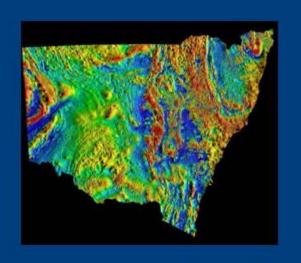


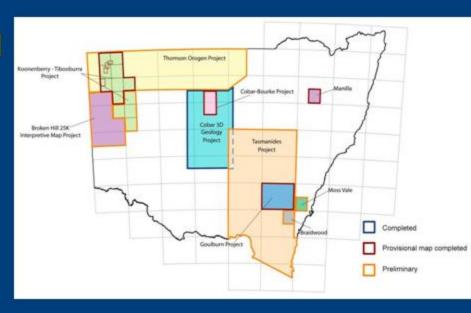
1997: 7 days, Great Ocean Road to Mt Gambier





Tools for Geotourism

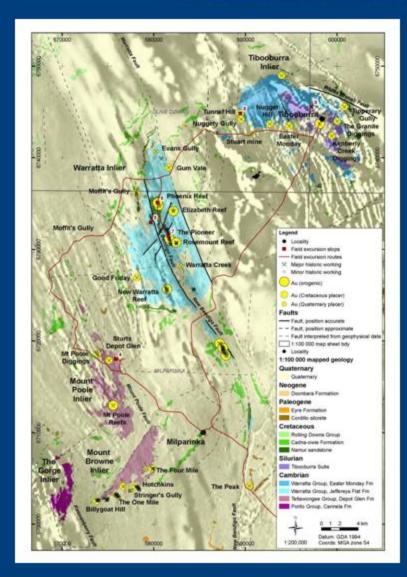


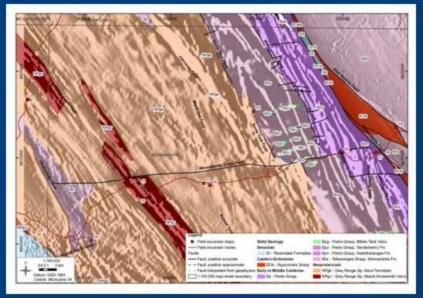


- excellent field-based leaders for tours
- experienced geologists preparing guides
- making use of high quality geological data provided by state and federal geological agencies
- geological maps, geophysical images, excursion guides, special interest brochures



GSNSW maps etc

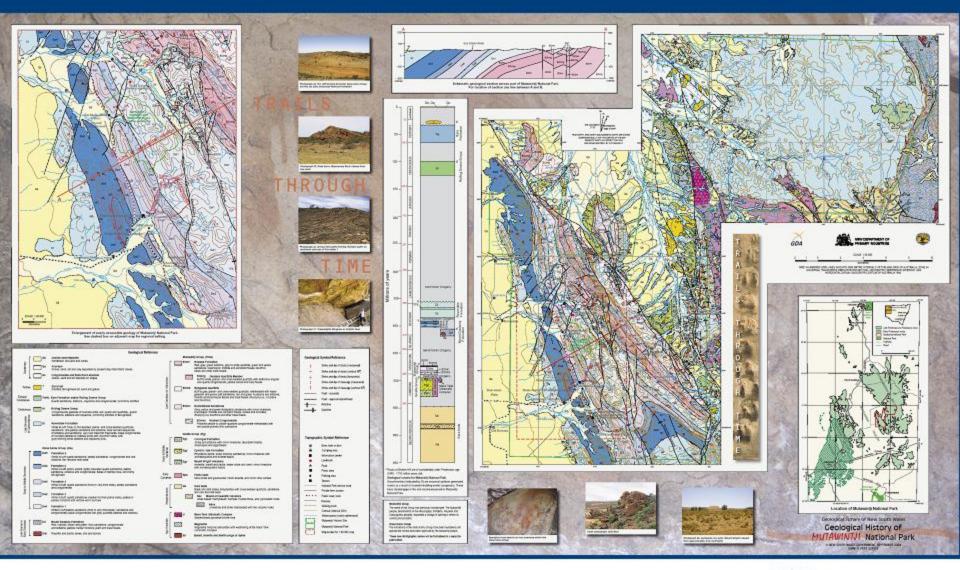








Mutawintji brochure





MINING SITES IN NSW: HISTORY AND HERITAGE

Other Geological Survey NSW geotourism materials







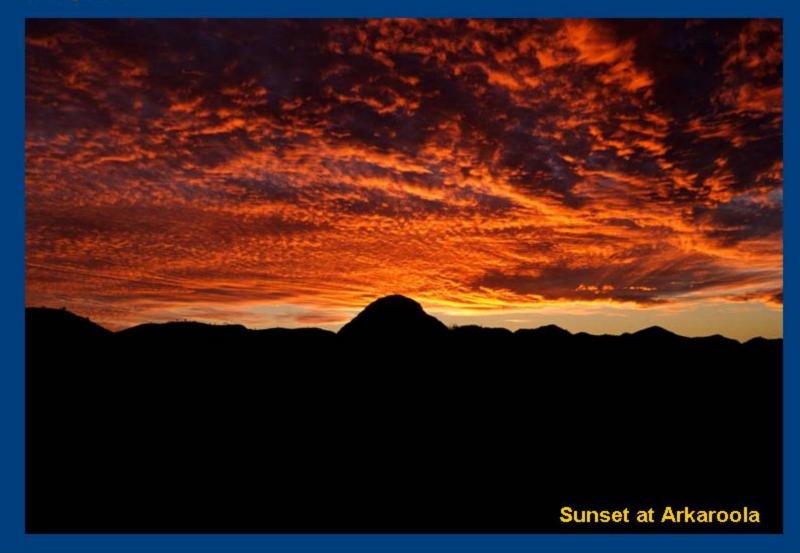


Conclusions

- need for continued contribution of geological materials aimed at geotourism by the GSNSW
- tour operators and other agencies e.g. National Parks Service, should make use of this information
- check that published information and signage is geologically up to date and correct
- geological tourism should be conducted by experienced geologists



Thank you





Geotourism ___

- Guided geological tours
- Geotrails e.g. Brachina
 Gorge, Broken Hill
- Printed self-guided & web-based tours
- Significant geo sites e.g.
 Age of Fishes Museum
- National Parks & Geoparks

Promotion of geoscience to the wider community



Guided Geological Tours



- Explaining processes that formed our Earth
- How landscapes formed
- Fill-in the earth sciences education "gap"
- Promote conservation of significant sites
- Understanding contribution of mining to past & present
- Links between geology & ecosystems
- Getting off-track



Where it all started

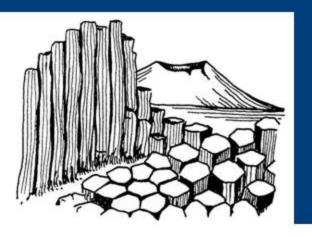
Earth Discovery Tours

Earth

Discovery

Tours

1992-97



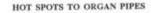
- Inspired by David Roots
- Aimed to promote geoscience
- Field-based
- Initially week-end activity
- Later view to business and career opportunity



Early Days

TOUR CALENDAR FOR 1996/97

April 20, 1996



Some of Melbourne's finest hinterland has resulted from past volcanic eruptions. The largest and most impressive occurred at Mt Macedon 350 million years ago. The more dramatic landforms preserved in this area, however, were produced during the last 6 million years by the cruptions that formed Camels Hump and Mt Diones (Hanging Rock). The sour concludes at the Organ Fipes where young basalt lava flows have cooled to form apectacular columnar and rosette patterns. One day (Saturday) from Melbourne, 575.



VICTORIA'S DEEP FREEZE

A fascinating day in Victoria's Central Highlands, uncovering evidence for the largest period of glaciation to affect Victoria. Ice gradually crept northwards from Antarctica to cover Victoria 280 million years ago. Subsequent melting of the ice left piles of unusual rocks derived from Antarctica and subtle effects on the landscape that can still be detected today. This tour follows the path of the ice as it moved northwards. One day (Saturday) from Melboorne, \$75.



UNRAVELLING THE SPA COUNTRY

A two day, mid-week tour that provides an overview of the diverse events that have shaped Victoria's Spa country. Mineral springs, fossils, velcanoes, ancient rivers, glaciers, gold and gemstones are related aspects of the diversity that can be seen in the Duylesford area. This tour is an excellent way of seeing first hand the techniques that scientists employ to interpret the processes that have operated on Earth in the recent and ancient geological past. Tour leaves Melbourne Tuenday morning, 1 night cottage or hotel accomm., \$235. Bookings for this tour close August 25.



GOLD PANNING & GEMSTONE PROSPECTING

A day in the country near Ballan, seeking gold, sapphires, spinel, zircon and ilmenite with a gold pan. We explain the many types of semi-precious stones and how minerals, such as gold, move in streams. You will also learn how to find minerals and what they tell us of the evolution of this area. An interesting pastime, enjoyed by the entire family, learned during a pleasant day. One day (Saturday) from Melbourne, \$75.





Printed on recycled paper



- Short tours; 1-3 days
- Within short distance of Melbourne
- Theme-based tours

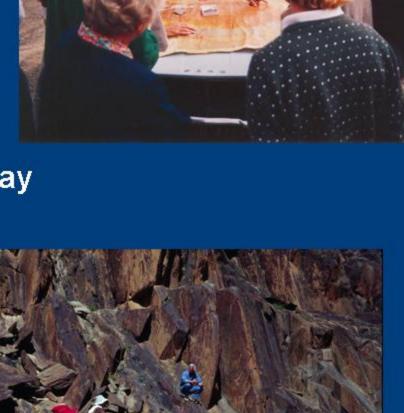


Earth Discovery Tours

Our Tour Leaders

- active field-based geologists
- usually mapped/researched geology of the visited area
- explained complex geology to lay people with minimal jargon





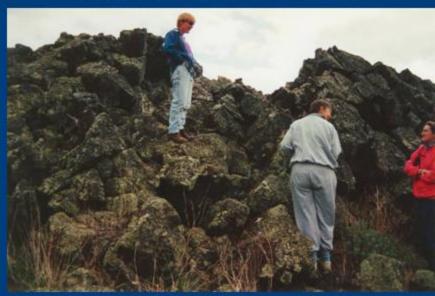


Our Geotourists

- invariably interested
- well educated
- widely travelled
- many retirees, empty nesters
- school teachers
- would-be geologists
- great rapport



Graptolite hunting, Trentham



Wallacedale tumuli

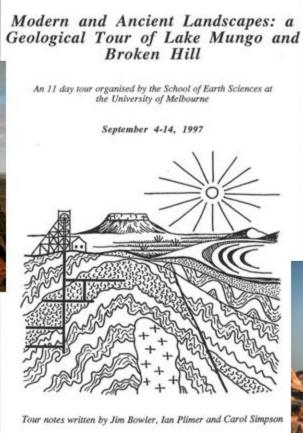


Longer Tours

1995, 1997: 15 days, Broken Hill, Olary, Mungo, White Cliffs



Sculptures, Broken Hill



Dissected lunette, Mungo

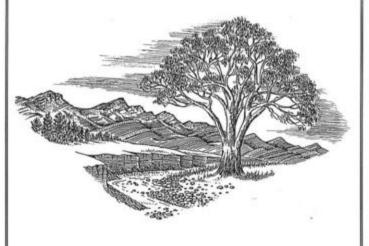


Longer Tours

1996, 1997: 9 days, Flinders Ranges

In the footsteps of Mawson: a geological tour of the Flinders Ranges

October 30 - November 7, 1996



Tour notes written by
Vic Gostin of the University of Adelaide,
Malcolm Wallace and Ian Plimer of the University
of Melbourne

