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In: A.P.G. Söhne and I.W. Hälbig (eds.), *Geodynamics of the Cape Fold Belt*, Special Publication No. 12, The Geological Society of South Africa, Johannesburg (1983); and J.N. Theron and J.C. Loock, *Devonian Deltas of the Cape Supergroup*, South Africa.

In: M.J. McMillan, A.F. Embry and D.J. Glass (eds.), *Devonian of the World I*, Memoir 14, Canadian Society of Petroleum Geology, Calgary, Canada (1988)

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Figure 52. Adapted from Figure 1.18 of F. Press and R. Siever, *Understanding Earth* (3rd edition), W.H. Freeman (2000) and C. MacRae, *Life Etched in Stone: Fossils of South Africa*, The Geological Society of South Africa, Johannesburg, 1999 (top figure page 129 after J.N.J. Visser)

Figure 55. Offshore basin stratigraphy adapted from seismic lines in the Republic of South Africa Licensing Board Information Brochure, Orange Basin (1994), Petroleum Agency SA, Parow

Figure 56. Pippa Haarhoff, West Coast Fossil Park is thanked for her assistance

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Figure 67. Antarctic ice core record from A. Neftel, H. Friedli, E. Moor, H. Lotscher, H. Oeschger, U. Siegenthaler, and B. Stauffer (1994), Historical CO₂ record from the Siple Station ice core. Mauna Loa record from C. David Keeling and T.P. Whorf (2004), Atmospheric CO₂ records from sites in the SIO (Scripps Institution of Oceanography) air sampling network. Both appear in *Trends: A Compendium of Data on Global Change*, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tennessee, USA (www.cdiac.ornl.gov/trends/co2/)

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ADDITIONAL READINGS

The following books are recommended for those readers interested in learning more.

Yeld, J. and Barker, M. *Mountains in the Sea. Table Mountain to Cape Point:*

An Interpretive Guide to the Table Mountain National Park. SA National Parks, 2004 (An information-packed guide to all of the sites of the park.)

Lundy, M. *Best Walks in the Cape Peninsula.* Struik, 1999

Cowling, R. and Richardson, D. *Fynbos: South Africa's Unique Floral Kingdom.* Fernwood Press, Vlaeberg, 1995

Pauw, A. and Johnson, S. *Table Mountain: A Natural History.* Fernwood Press, Vlaeberg, 1999

(Two large picture books with text describing the fynbos ecosystem)

Smith, A., Malherbe, C., Guenther, M. and Berens, P. *The Bushmen of Southern Africa: A Foraging Society in Transition.* David Philip Publishers, Cape Town, 2000 (A history of the original inhabitants of the Western Cape and their relation to later arrivals)

Leakey, R. and Lewin, R. *The Sixth Extinction.* Doubleday, New York, 1995 (A well-written discussion of the present and past mass extinctions of life on Earth)

General books on the geology of southern Africa:

McCarthy, T. and Rubidge, B. *The Story of Earth & Life: A southern African perspective on a 4.6-billion-year journey.* Struik Publishers, Cape Town, 2005

MacRae, C. *Life Etched in Stone: Fossils of South Africa.* The Geological Society of South Africa. Johannesburg, 1999 (A beautifully illustrated story of South African rocks and their fossils)

MacPhee, D. and de Wit, M. *How the Cape Got its Shape.* MapStudio, Cape Town, 2003 (A colourful fold-out poster on the geology of the Cape Peninsula)

Cole, D.I. *The Building Stones of Cape Town: A Geological Walking Tour.* Council for Geoscience, Popular Geoscience Series 3, 2002

Viljoen, M.J. and Reimold, W.U. *An Introduction to South Africa's Geological and Mining Heritage.* The Geological Society of South Africa and Mintek, Randburg, 1999 (A well-illustrated guide to South African geology)

Hendey, Q.B. *Langebaanweg: A Record of Past Life.* South African Museum, Cape Town, 1982 (A general summary of the fossils from the Langebaanweg phosphate quarry and the story they tell of past life in the area)

Norman, N. and Whitfield, G. *Geological Journeys: A traveller's guide to South Africa's rocks and landforms*. Struik Publishers, Cape Town, 2006

Two geology guidebooks are available from the Department of Geological Sciences, University of Cape Town (www.uct.ac.za/depts/geolsci):

Rogers, J. and Hartnady, C.J.H. *Cape Peninsula Geological Excursion Guide*.

Department of Geological Sciences, University of Cape Town, 1996

Rogers, J., Minter, W.E.L. and Reid, D.L. *The Geology of the Western Cape*.

Department of Geological Sciences, University of Cape Town, 1996

Two guidebooks are also available on Namibia's geology:

Grünert, N. *Namibia. Fascination of Geology: A Travel Handbook*. Klaus Hess Publishers, 2000

Schneider, G. *The Roadside Geology of Namibia*. Gebrüder Borntraeger, Berlin, 2004

Detailed and technical publications on the geology of southern Africa:

Armstrong, R., de Wit, M.J., Reid, D., York D. and Zartman, R. Cape Town's

Table Mountain reveals rapid Pan-African uplift of its basement rocks.

Journal of African Earth Sciences, Volume 27 (pages 10–11), 1998 (Source of zircon radiometric ages)

De Wit, M.J. and Ransome, I.G.D. (eds.). *Inversion Tectonics of the Cape Fold Belt, Karoo and Cretaceous Basins of Southern Africa*. A.A. Balkema,

Rotterdam, Netherlands, 1992 (A collection of detailed geology papers)

Tankard, A.J., Jackson, M.P.A., Eriksson, K.A., Hobday, D.K., Hunter, D.R. and

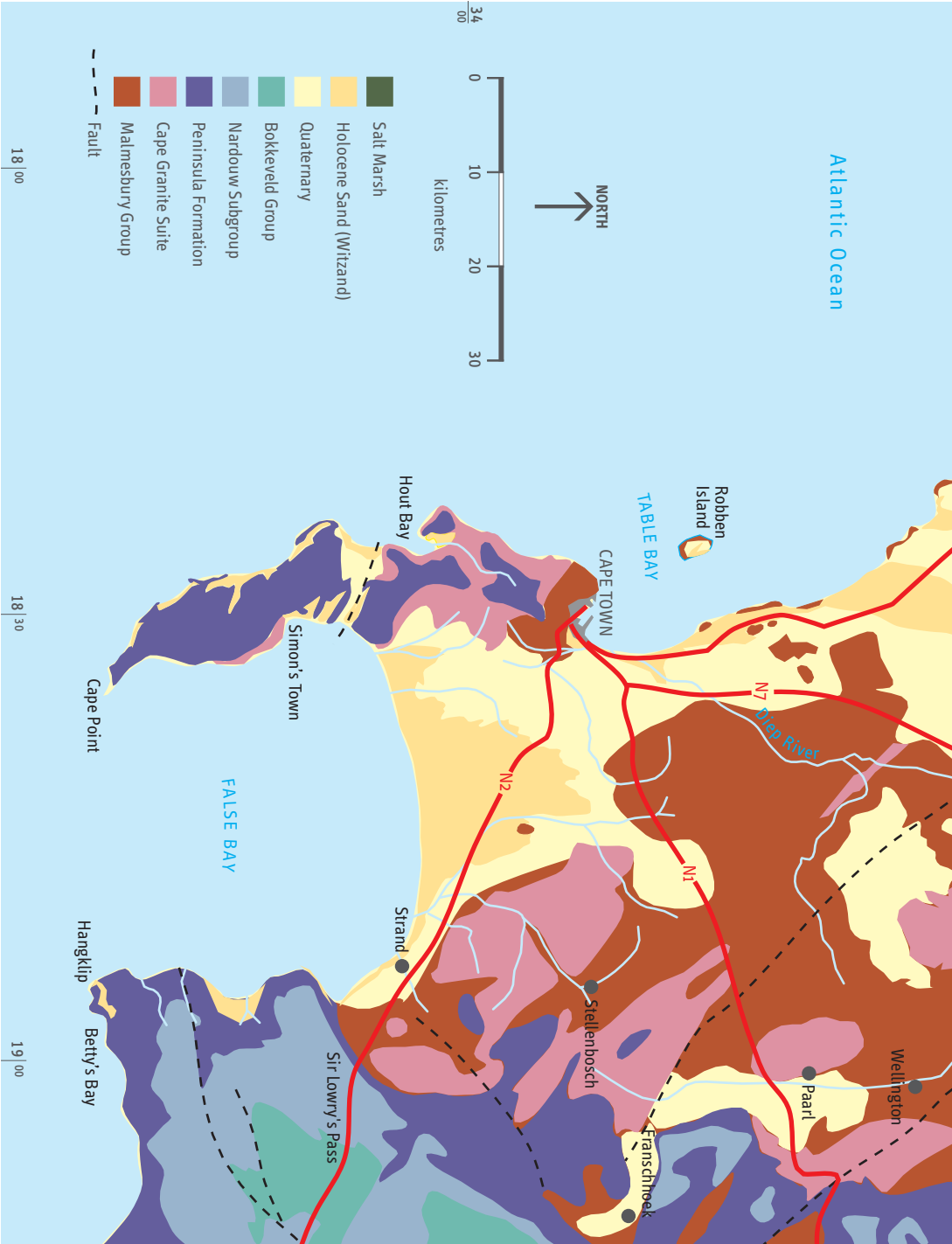
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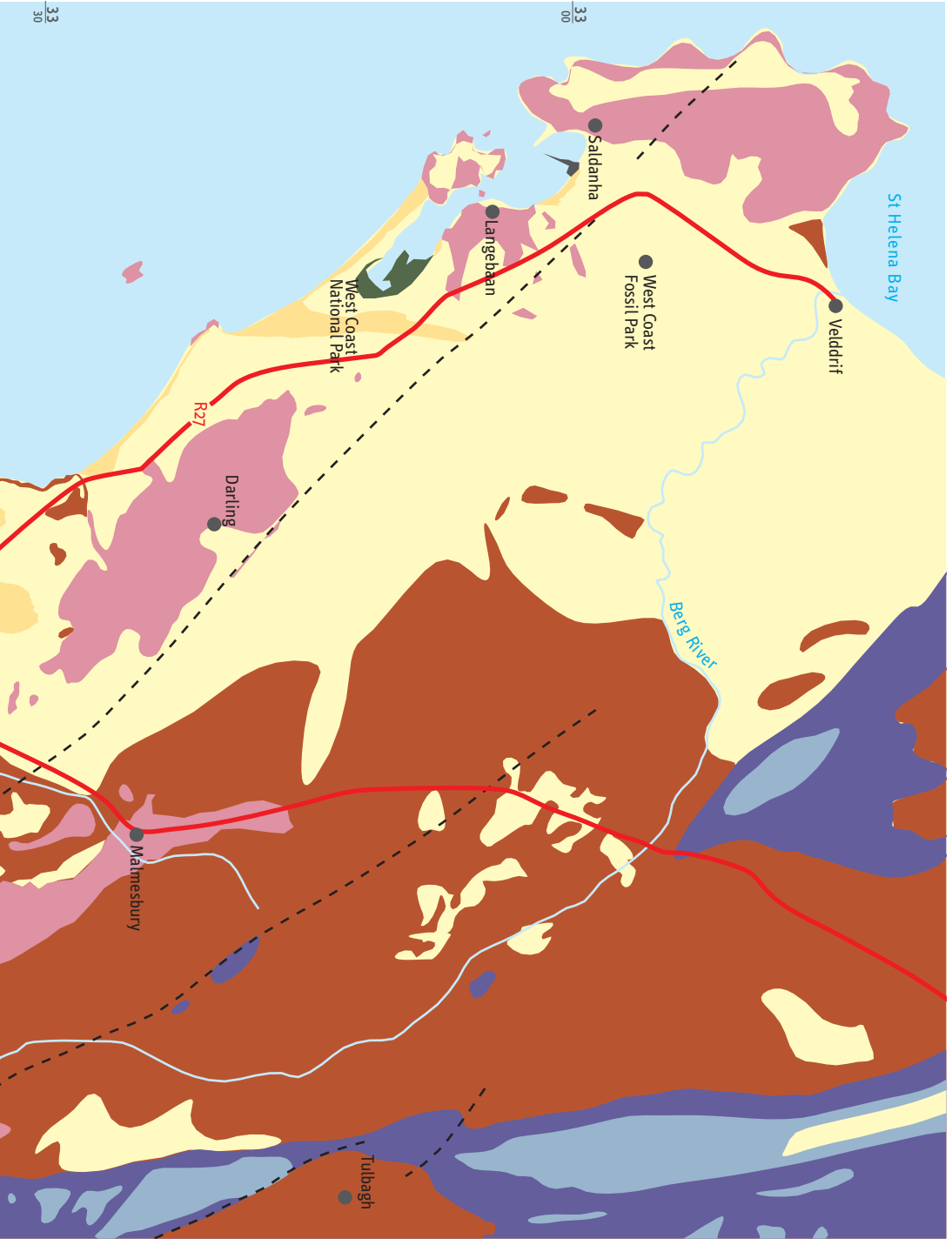
Theron, J.N., Gresse, P.G., Siegfried, H.P. and Rogers, J. *The Geology of the Cape Town Area (Explanation: Sheet 3318, 1:250 000)*. Geological Survey.

Department of Mineral and Energy Affairs, 1992 (A detailed summary of the geology of the Cape Town area available (along with map) from the Council for Geoscience, Bellville)

Partridge, T.C. and Maud, R.R. *The Cenozoic of Southern Africa*. Oxford Monographs on Geology and Geophysics No. 40, Oxford University Press, New York, 2000 (A collection of papers on the rock record of the last 65 million years)

Figure 80. Geological map of Cape Town and environs.





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