

JOHN WILSON is a former geologist and the author of nine works of historical fiction for young adults and one for adults. His non-fiction writing includes biographies of John Rae, John Franklin and Norman Bethune. With his wife and three children, he awaits the next big earthquake on Vancouver Island, British Columbia.



THE STORY OF CANADA BENEATH YOUR FEET

What do earthquakes in British Columbia have to do with Nova Scotia's coastline? How does East Africa's famous rift valley relate to the San Andreas Fault? And what can the shores of Georgian Bay tell us about the future of the Himalayan mountains?

In *Dancing Elephants and Floating Continents*, author John Wilson answers all of these questions and more as he takes readers on a remarkable journey through the Earth's past, present and future. Inside, you'll find:

- four-and-a-half billion years of geological history, explained in clear, accessible language;
- in-depth information about earthquakes, rift valleys, mountain ranges past and present, meteorites, and the oldest known piece of the Earth's crust;
- dozens of full-color illustrations, maps and photographs;
- hands-on experiments that bring geology to life;
- a comprehensive resource section that focuses on web-based geological information.



WILSON

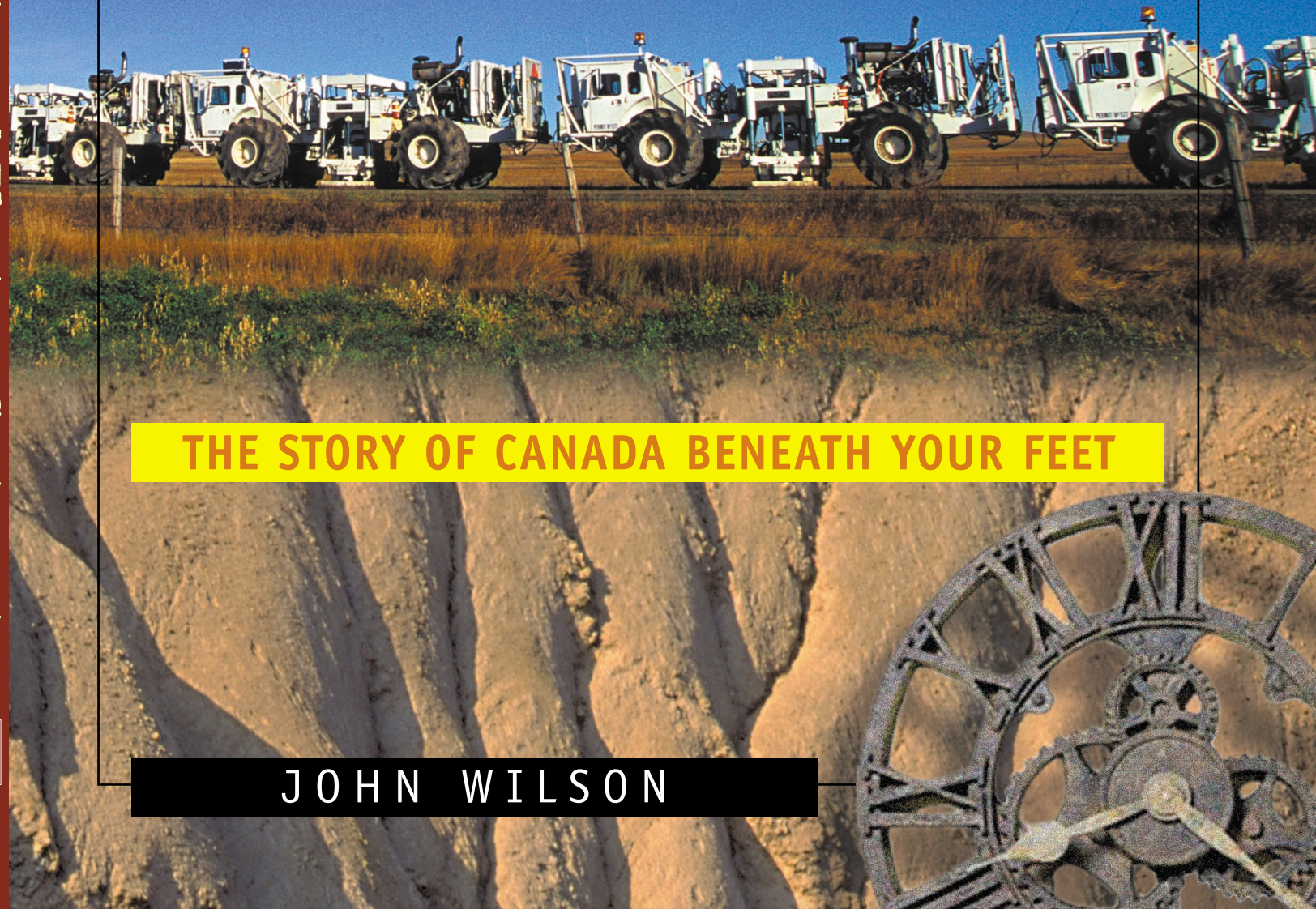
Dancing Elephants and Floating Continents

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Dancing Elephants and Floating Continents

THE STORY OF CANADA BENEATH YOUR FEET

JOHN WILSON



\$24.95

A wondrous journey to the center of the Earth—and back again!

The **history** of the Earth's formation is quite an adventure story—complete with continents that crash and crush, oceans that vanish and reappear, and mountain ranges that rise and crumble. How did these remarkable evolutionary changes happen? Thanks to an internationally renowned, Canadian-run scientific program called Lithoprobe—and its giant earth-pounding trucks known as Dancing Elephants—we now know more than ever before about the events that led up to the creation of the world as we know it.

In *Dancing Elephants and Floating Continents*, author John Wilson uses Lithoprobe data and research to reveal 4.5 billion years of geological history. Readers will discover: where to find the oldest piece of the Earth's crust, and how it got there; how part of Africa came to rest in Nova Scotia; what meteorites have left behind and why it's important; and why residents of British Columbia should buy earthquake insurance.

Written in clear, accessible language, and featuring dozens of full-color illustrations, maps and photographs, *Dancing Elephants and Floating Continents* tells a truly remarkable story—the story of how the Earth was formed; how it is still growing and what that means; and how it will continue to change long after we are gone.

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