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Rough#8211;Hewn Land #8211; A Geologic Journey from California to the Rocky Mountains

By Keith Heyer Meldahl

University of California Press, 2013. Paperback. Book Condition: New. 18.8 x 25.9 cm. "Rough-Hewn Land tells the geologic story of the American West--the story of its rocks, rivers, mountains, earthquakes, and mineral wealth, including gold. It tells it by taking you on a 1000-mile-long field trip across the rough side of the continent from the California coast to the Rocky Mountains. This book puts you on the outcrop, geologic hammer in hand, to explore the evidence for how the spectacular, rough-hewn lands of the West came to be. When North America broke free from Eurasia and Africa some 200 million years ago, it triggered a cascade of violent geologic events that shaped the West we see today. As the west-moving continent crunched across the seabed of the ancient Pacific, islands and assorted pieces of ocean floor collected against its prow to build California--and plant gold there too. Meanwhile, mountains squeezed upward from California to Colorado, and vast quantities of molten rock seeded the crust with precious metals while spewing volcanic fire across the land. Later, the land stretched like an accordion to form the washboard-like Basin and Range province and Great Basin within it, while California began to crackle along...

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