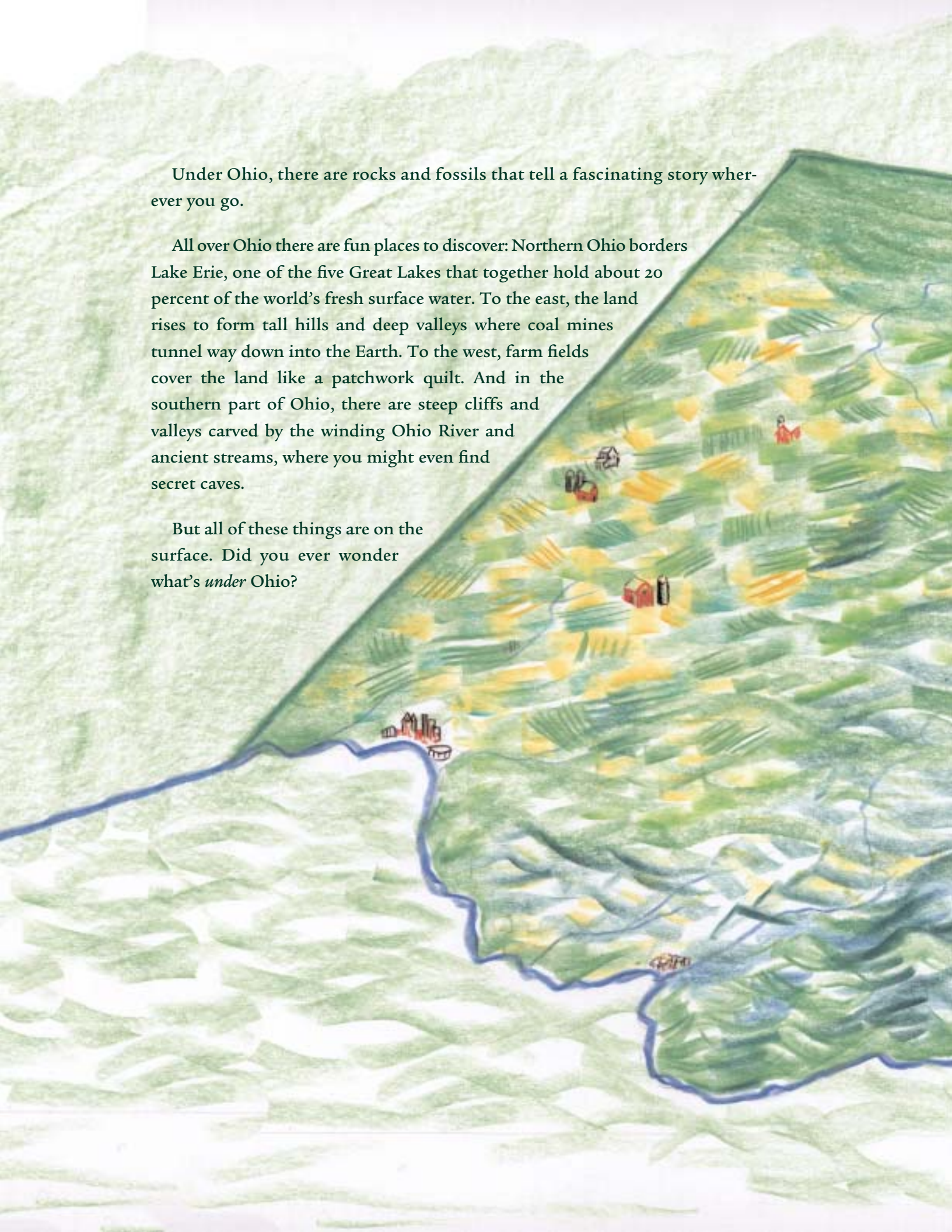


Under Ohio, there are rocks and fossils that tell a fascinating story wherever you go.

All over Ohio there are fun places to discover: Northern Ohio borders Lake Erie, one of the five Great Lakes that together hold about 20 percent of the world's fresh surface water. To the east, the land rises to form tall hills and deep valleys where coal mines tunnel way down into the Earth. To the west, farm fields cover the land like a patchwork quilt. And in the southern part of Ohio, there are steep cliffs and valleys carved by the winding Ohio River and ancient streams, where you might even find secret caves.

But all of these things are on the surface. Did you ever wonder what's *under* Ohio?





You might be surprised by all the different kinds of rocks and fossils under Ohio.

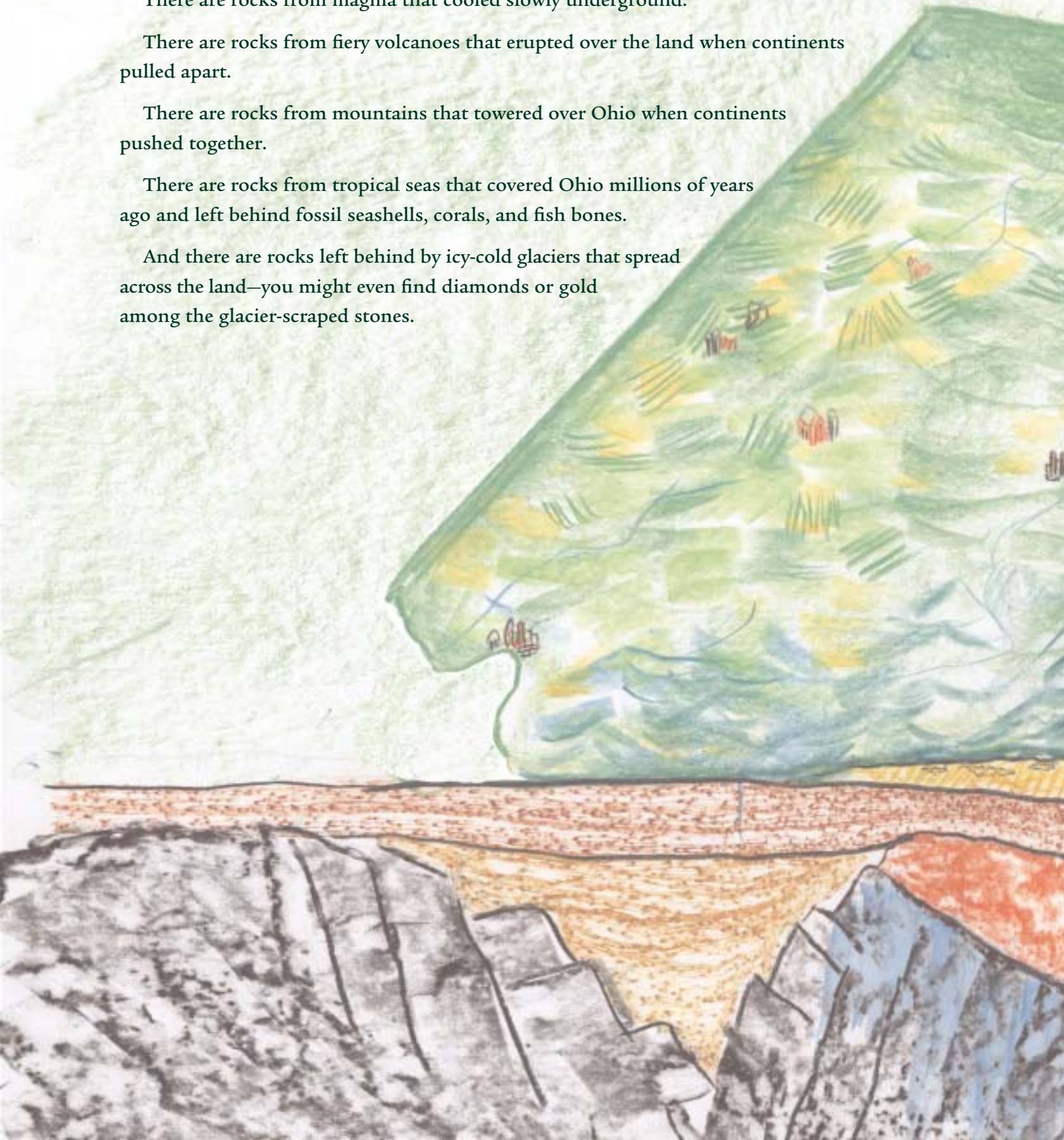
There are rocks from magma that cooled slowly underground.

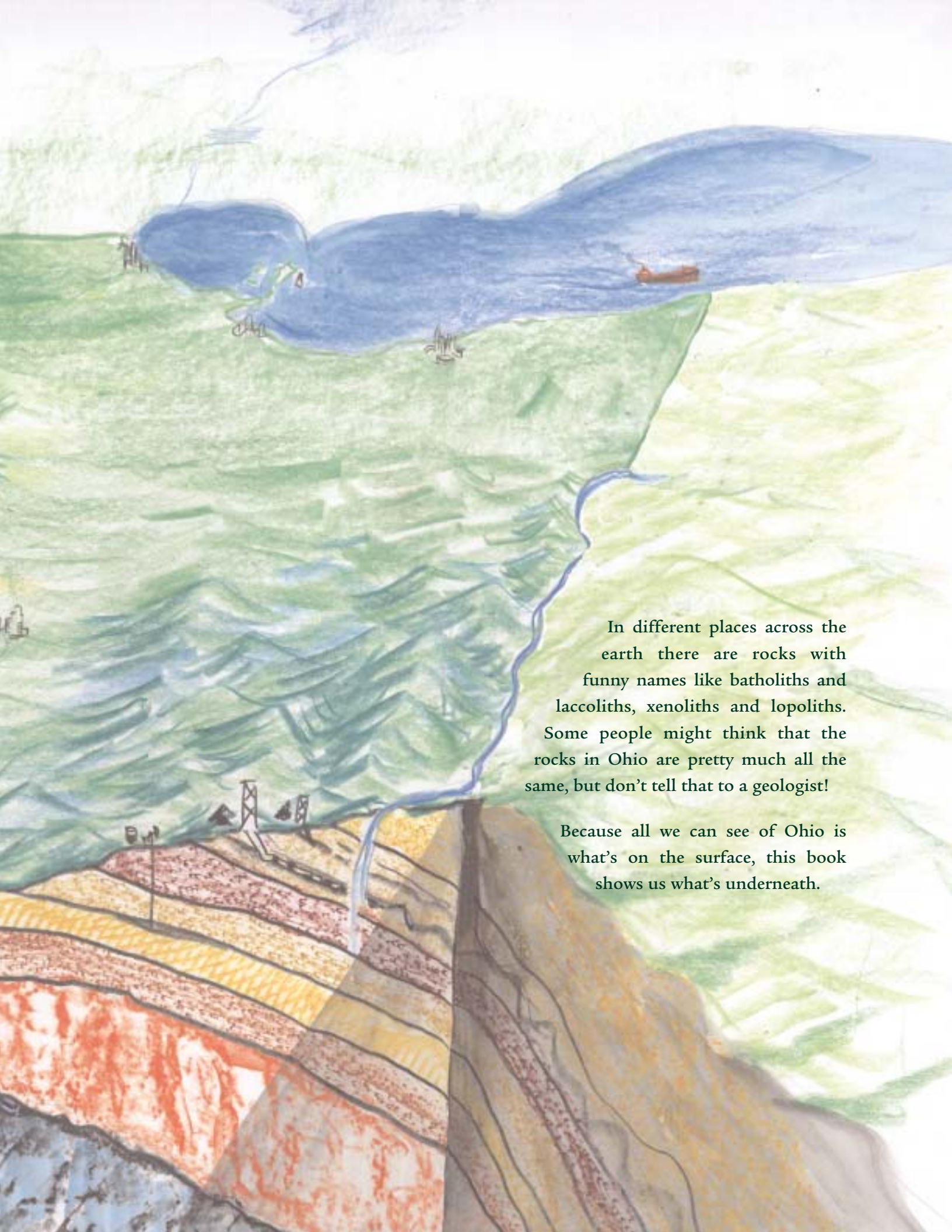
There are rocks from fiery volcanoes that erupted over the land when continents pulled apart.

There are rocks from mountains that towered over Ohio when continents pushed together.

There are rocks from tropical seas that covered Ohio millions of years ago and left behind fossil seashells, corals, and fish bones.

And there are rocks left behind by icy-cold glaciers that spread across the land—you might even find diamonds or gold among the glacier-scraped stones.





In different places across the earth there are rocks with funny names like batholiths and laccoliths, xenoliths and lopoliths. Some people might think that the rocks in Ohio are pretty much all the same, but don't tell that to a geologist!

Because all we can see of Ohio is what's on the surface, this book shows us what's underneath.