Question: How was the black sand on this beach formed?

The black sand on this beach formed when the volcano near the beach eroded over time. The volcano in this photo is large, but it isn’t close to the height of the largest volcano in the world, which is found in Argentina. The insides of the volcano are made of a black rock called obsidian. Obsidian is a shiny, smooth rock and it is hard enough that many Native Americans used it to make arrows. Over time, wind and water crashed against the sides of the volcano and caused small pieces of the obsidian to break off. The pieces became smaller and smaller until they formed the sand on this beach. There are also other kinds of black rock near the beach that are not made of obsidian and they are also eroding.