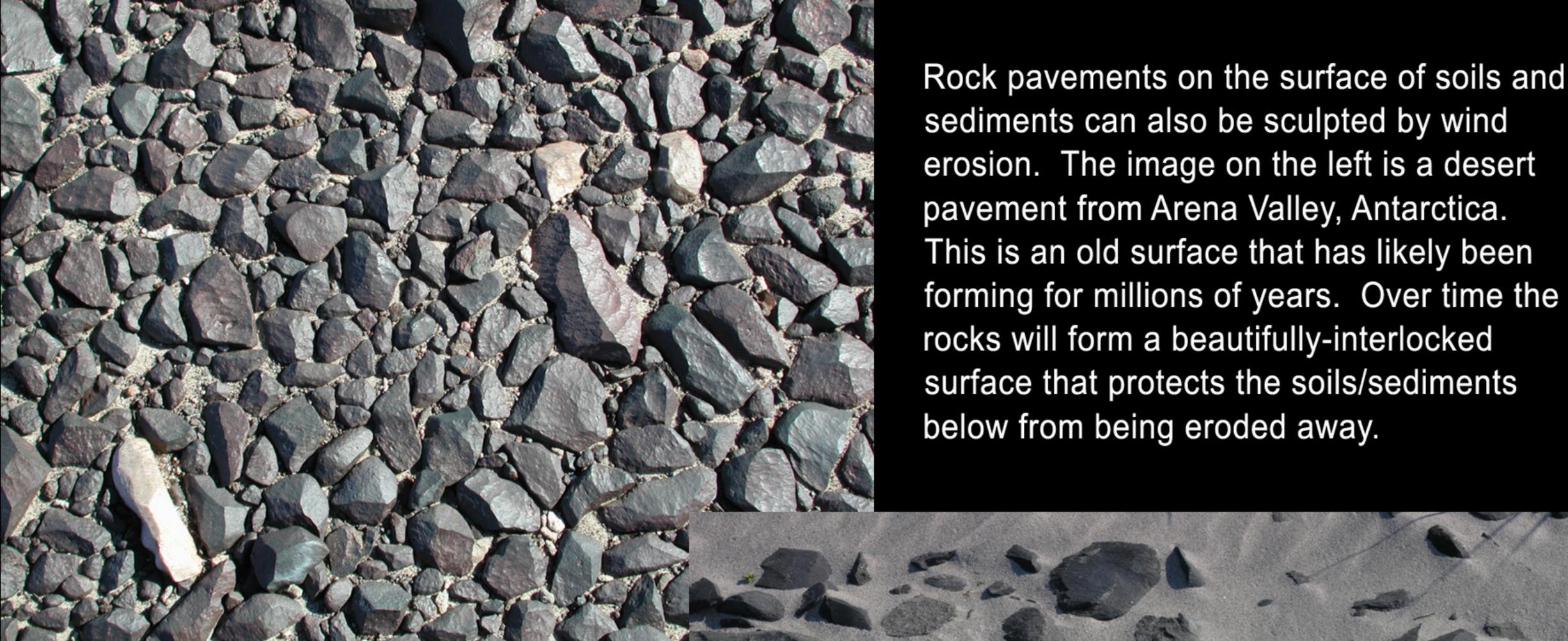




Ventifacts formed from dolerite rock in Taylor Valley, Antarctica. This group of rocks likely started as a single rock that over time has broken apart. The wind has eroded the surfaces that appear gray, while the reddish part of the rock is simply the weathered surface or rock patina. The inset picture shows another example of a rock breaking apart in place and being eroded by the wind.



The example to the right is from a modern beach in north Norway. The area where these form is windy, and sand is often blowing. This reveals that these features can form rapidly, depending on the wind frequency/velocity and the amount of fine particles entrained by the wind to sandblast the surfaces.



Here we see a wind-eroded rock that has originated along a contact zone between granite and dolerite. The dark-colored dolerite is resistant to erosion and is polished smooth by the wind. The granite is also shaped by the wind; however, since it is coarser-grained, it is not polished as smoothly as the fine-grained dolerite.