



# Down in the Paleochannels

ESP\_O42625\_1655

Transverse aeolian ridges—or TAR—are mysterious, wind-blown features that are intermediate in size between ripples and much larger sand dunes. Ripples form from hopping sand grains, and dunes form from sand grains being blown over longer distances. One hypothesis for TAR formation is that larger grains like pebbles are rolled on top of smaller ripples; then, finer dust settles into the cracks, “inflating” the pebbles, making the TAR larger than typical ripples.