

OLIGO-MIOCENE OUTCROP, IRAN: apparent “Ridge & Groove” features



Photo by Yaghub Nasiri

“These are sandstone. They consist of quartz, chert, and feldspar components. Poorly sorted. Grains are angular to sub-rounded. They fall within the range of feldspathic litharenite to lithic arkose. The structures are on the bedding surface. There are about 20 of them. The largest ones are about 20 meters long. They are distributed over an area of about 20 meters by 4 meters.” These are Yaghub’s comments on some very unusual features he has discovered in northern Iran. **BUT WHAT ARE THEY?**

I am currently working with Yaghub in seeking to understand and explain these unique structures. More on this later! *All comments and suggestions gratefully received.*