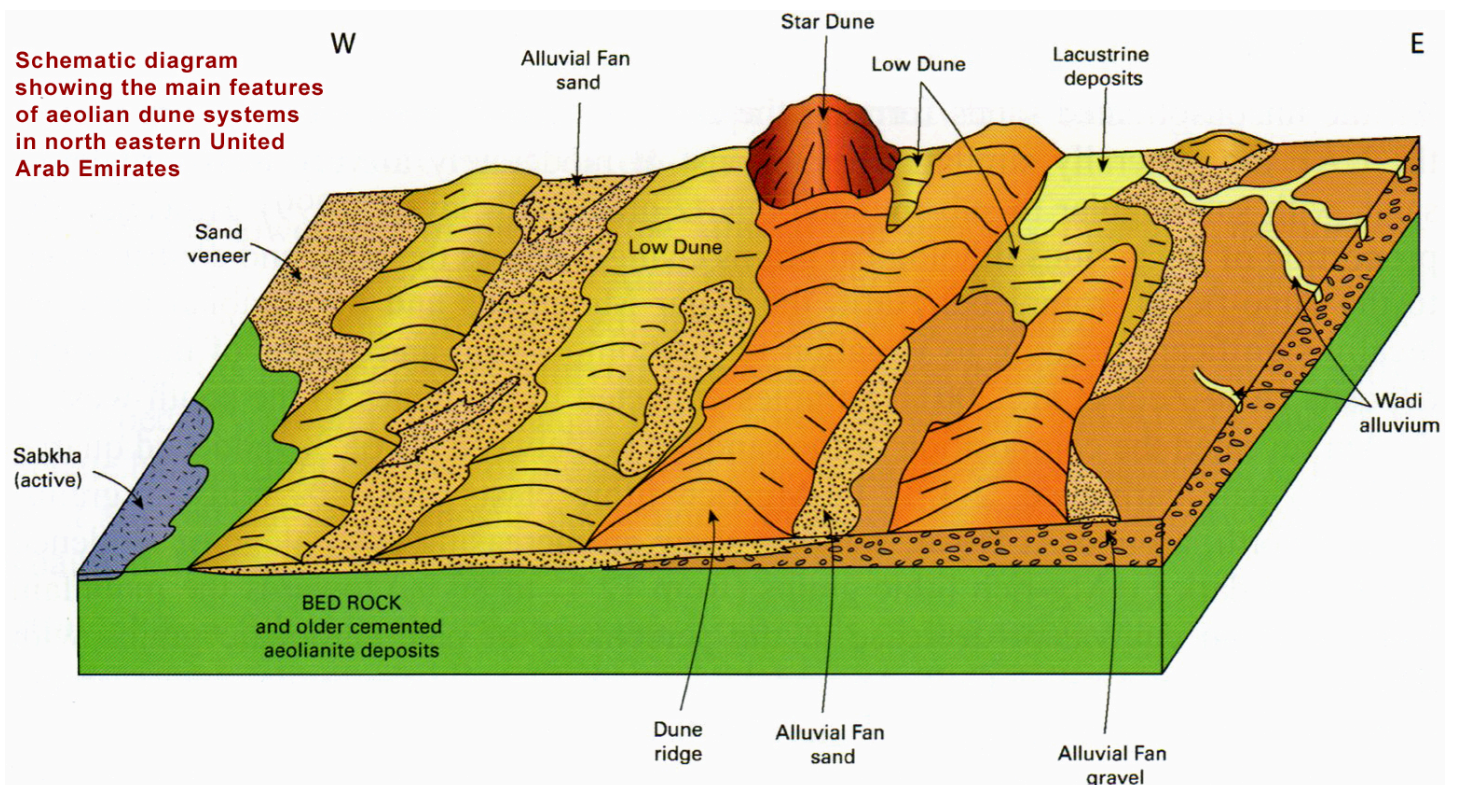
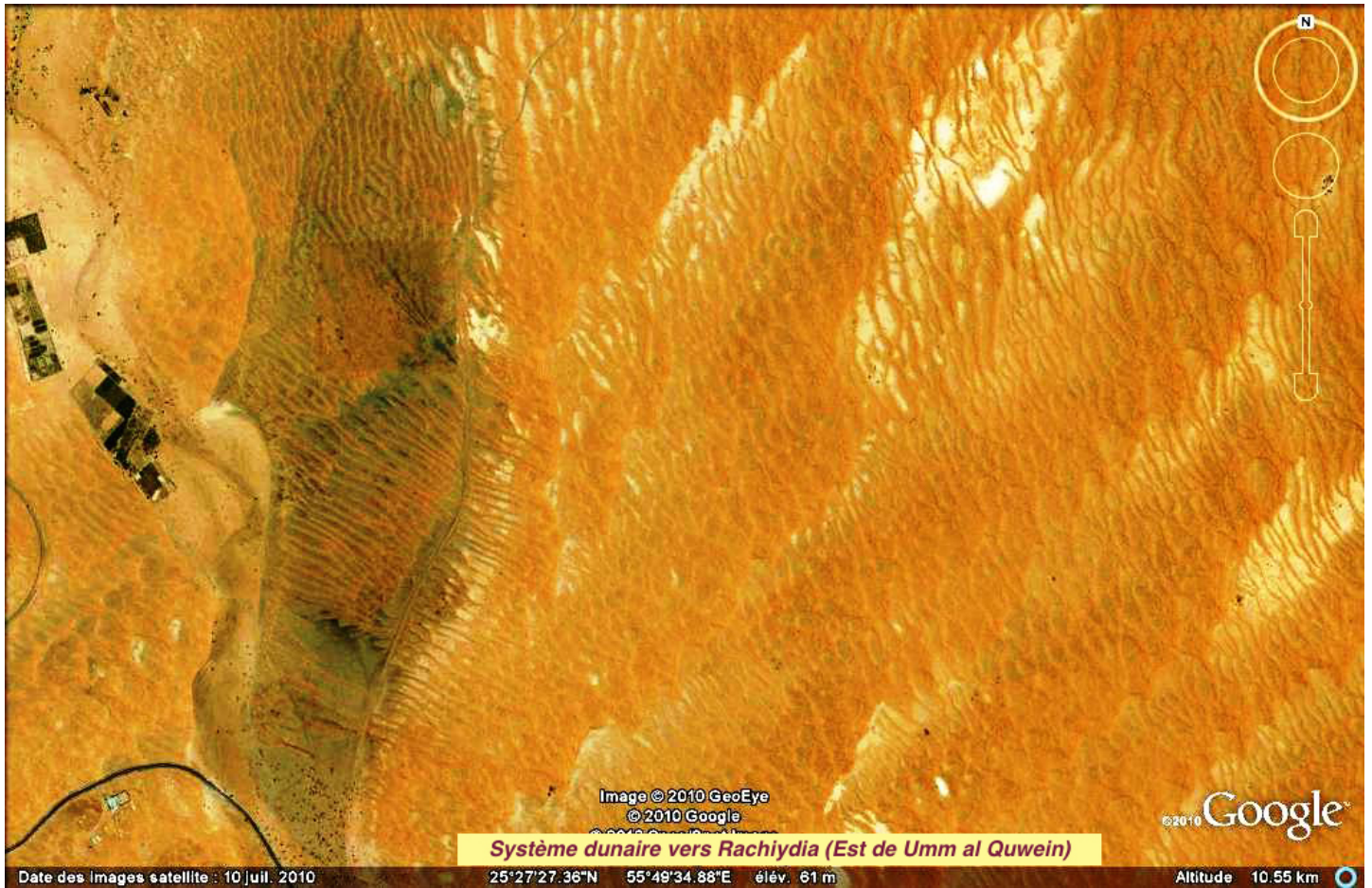


AEOLIAN DUNE SYSTEM IN NORTHERN UAE



Dune Ridges are typically 1 to 1,5 km wide, up to 50 or 60 m high and can extend up to ten kilometres. The base is cemented and was aligned under a former wind regime. The top is now being reshaped by the north-westerly Shamal wind. In the northern area we are studying, the proximity of Hajar Mountains and Musandam has slightly deflected the orientation of the wind regimes. Low Dunes are generally less than 10 meters high, displayed as elongated crescents or barchanoid dunes trending E-W or ENE-WSW at a slight angle to the dune ridges.