

SUMMARY

This paper deals with the evolutive processes developed in materials laying under the pliocene surface on both sides of the Tajo valley. Micromorphological and mineralogical techniques have been used in this work.

At the same time, a possible relationship has been established among these materials and those that appear just below the Raña's surface in Montes de Toledo.

Because of these studies, it seems possible to assure the existence of a simetry in accumulation and weathering processes in both sides of river valley, and to support a sedimentary origin for these accumulations.

Because of morphological, chronological and paleontological data, a lower to middle Pliocene age is attributed to these processes.