

RESEARCH METHOD ON BEACH PLASER DEPOSITS CASE STUDY FROM THE THRACIAN COASTAL ZONE OF THE BLACK SEA, TURKEY

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ABSTRACT.- In order to carry out the plaser investigation on a coastal zone, it is necessary 1° to define the sedimentary sub-basins and source area of these basins, 2° to differentiate the geomorphitic units and sedimentary facies, and 3° to collect the representative samples from these facies. By this way it is possible to find where the tenor increases; in which coastal sub-zone and sedimentary sub-basin fed by which source area. This method has been carried out in the Thracian coastal zone of the Black Sea. So it has been understood that the plaser rutile is concentrated in winter-beach and that the higher percentage of rutile defined in the coastal zone near the Ormanlı village fed by a source area mainly composed of the upper Miocene aged Ergene formation.