

# THE GEOLOGICAL CONDITIONS IN THE ENVIRONS OF HEREND-SZENTGÁL

By: L. Majzon

The examined territory is surrounded from NE, E and S — we can say like framed — chiefly by Mesozoic limestone (Triassic-Jurassic) as well as sporadically by Eocene limestone with *Nummulina*.

Of the strata — classed among the Miocene — the largest is the rough gravel, which covers the hills like a veil. In the gravel we may observe conglomerate intercalations. The thickness of the gravel and conglomerata together may be estimated to 60—100 metres. At the bottom of the gravel there extends a bench with *Ostreas*.

From the ditch of Brook-Németi along the Brook-Séd to the village Bánd there occur the so called strata of Herend. In these strata the lignite layer is to be found. Above the lignite occur especially small *Neritinas*, the little *Cerithium melania*, *impressa* and *Melania escheri*, while farther up the nice *Pereiraea gerwaesii* Vez.

I think that the strata in the environs of the mill at Bánd — where the deeper reserch-pits opened Fuller's earth too — are equivalent to the strata of Herend and to the lignite seam.

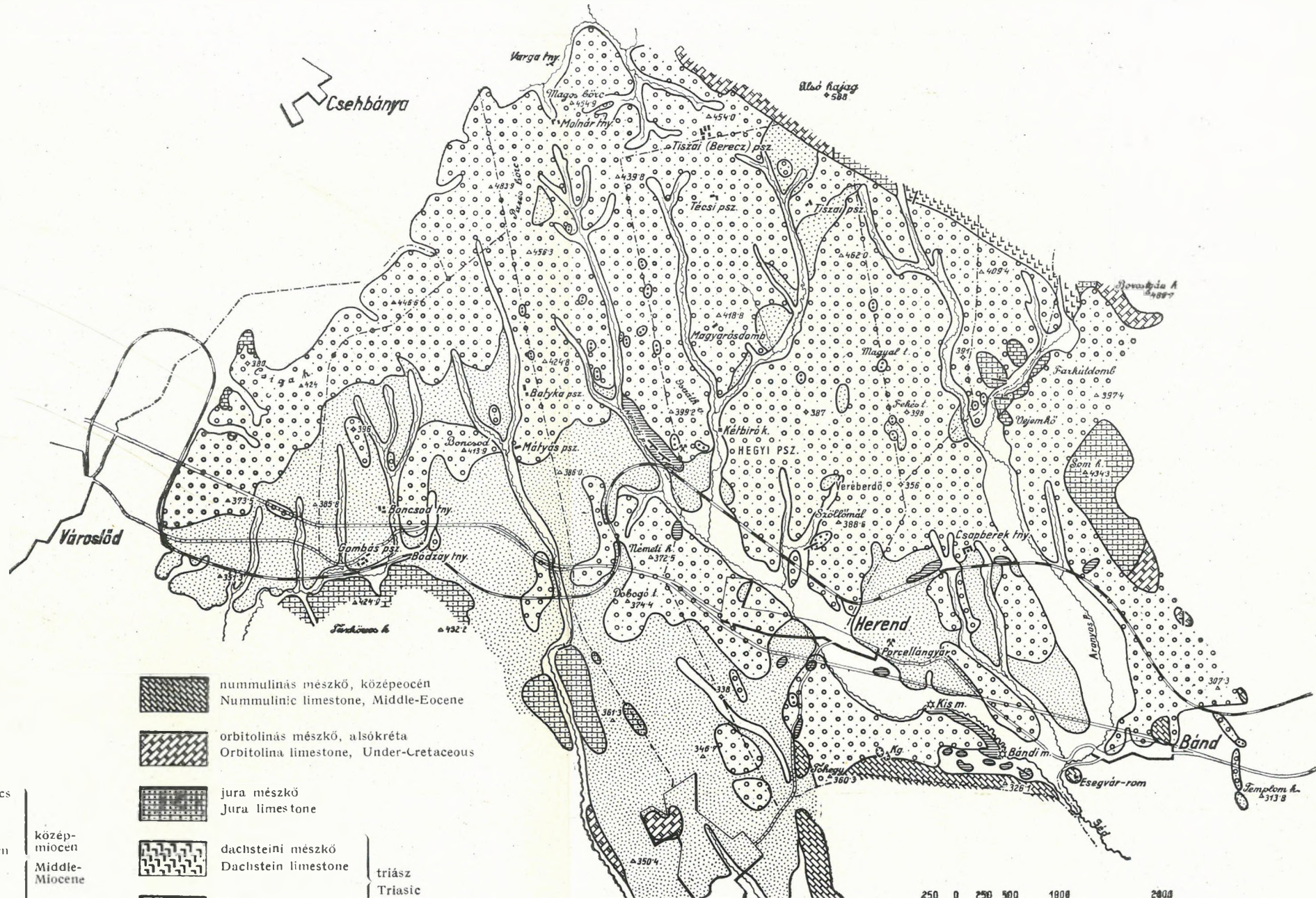
The age of these strata in my opinion is to be placed to the end of the Tortonian stage, considering the opulence in small *Cerithium* and *Melania*s as the foraminifera forms of mixed water.





# HEREND-SZENTGÁL KÖRNYÉKÉNEK FÖLDTANI TÉRKÉPE

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GEOLOGICAL MAP OF THE SURROUDINGS OF HEREND-SZENTGÁL.

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-  holocén  
Holocene
-  pleisztocén  
Pleistocene
-  homokos kavics  
Sandy pebble
-  konglomerátum  
Conglomerate

közép-  
miocén  
Middle-  
Miocene

-  nummulinás mészkő, középeocén  
Nummulitic limestone, Middle-Eocene
-  orbitolinás mészkő, alsókréta  
Orbitolina limestone, Under-Cretaceous
-  jura mészkő  
Jura limestone
-  dachsteini mészkő  
Dachstein limestone

triász  
Triassic

250 0 250 500 1000 2000