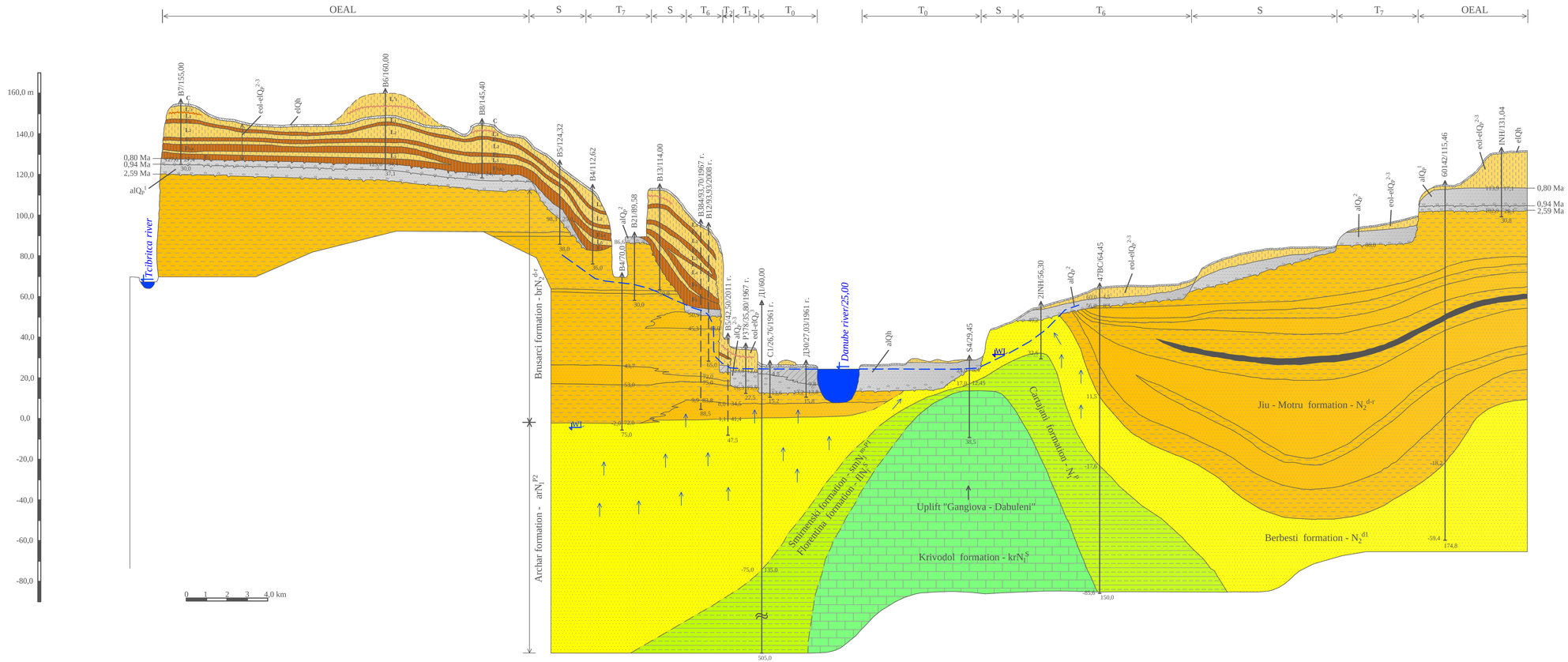

Legend:

- Humus clay, contemporary soil (C)
- Loess-like sand, greda ridges on T_0
- Loess, microporous, yellow, Aeolian (L)
- Loess-like clay, brown-red, fossil soil (F)
- Sandy clay, alluvium
- Gravel and gravelly sand, alluvium
- Sand, medium-grained, alluvium
- Silty clay, variegated to grey, with coal intercalations (Brusarci and Jiu - Motru formations)
- Sand, fine- to medium-grained (Brusarci and Jiu - Motru formations)
- Clayey sand, fine, water saturated (Archar and Berbesti formations)
- Clay, slightly calcareous, grey to grey-green (Smirnenski and Florentina formations) Marls and clayey sands (Cartajani formation)
- Clay and marls with limestone and sandstone intercalations. On Romanian territory - sandstones, limestones and marl clays (Krivodol formation)
- Erosion surface
- Lithological boundary
- Discharge of the aquifer layer from the Archar and Berbesti formations in the alluvium of the Danube River

alQ_p^1	Alluvium, Lower Pleistocene - OEAL
alQ_p^2	Alluvium, Middle Pleistocene T_7, T_6, T_2
alQ_p^{2-3}	Alluvium, Middle-Upper Pleistocene - T_1
alQh	Alluvium, Holocene - T_0
eol - elQ_p^{2-3}	Aeolian-eluvial, loess-soil complex, Middle-Upper Pleistocene - OEAL, T_7, T_6, T_2
eol - elQ_p^3	Aeolian-eluvial, loess-soil complex, Upper Pleistocene - T_1

Quaternary boundaries:

2,59 - 0,78 Ma	Lower Pleistocene
0,78 - 0,12 Ma	Middle Pleistocene
0,12 - 0,011 Ma	Upper Pleistocene
0,011 - today	Holocene

Civil contract from 30.04.2015	Principal: SERAW	
Development of a unified conceptual model of the geological-tectonic, geomorphological and hydrogeological conditions in the 30-km zone around the Radiana site on Bulgarian and Romanian territory Stage: II and III		
Geological profile across the 30-km zone of the Radiana site $Scale_h$ 1:100 000, $Scale_v$ 1:1000		
Composed by:	Prof. Yordan Evlogiev D. Sc.	July 2015
Drawn by:	Evlogi Evlogiev	Appendix 2