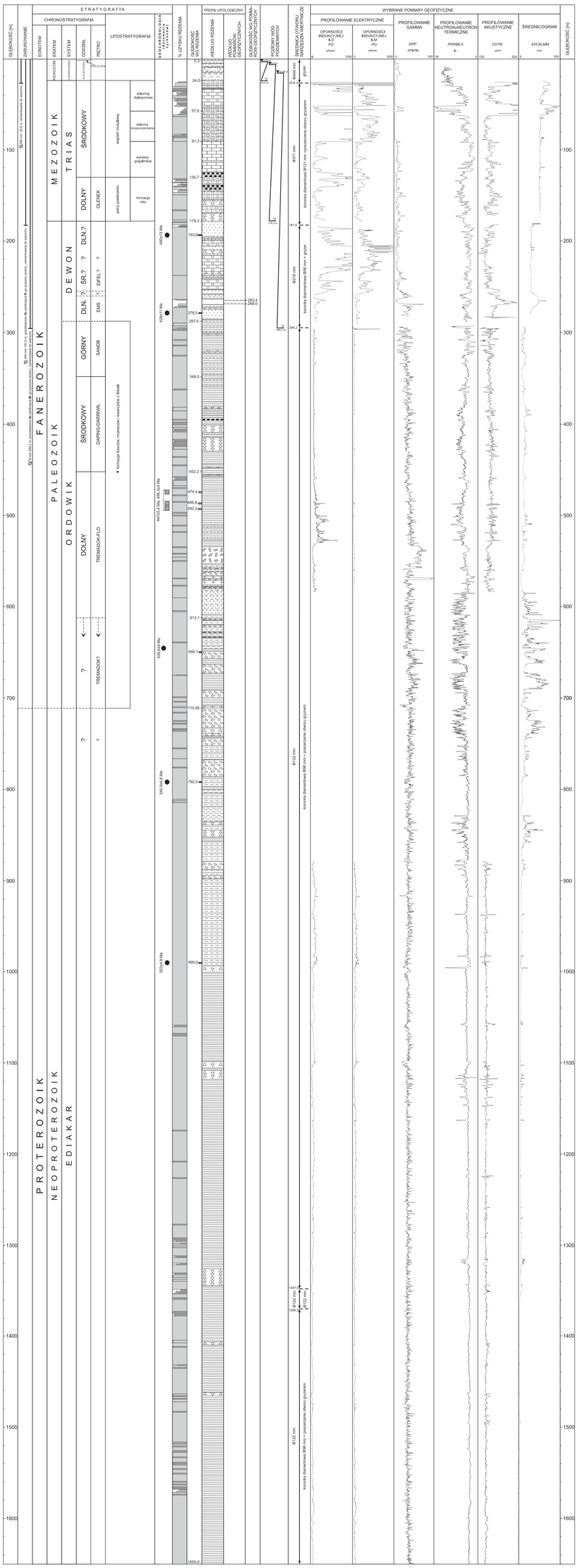

Fig. 5. Profil litologiczno-stratygraficzny otworu wiertniczego Bibiela PIG 1

Profile Głębokich Otworów Wiertniczych
Państwowego Instytutu Geologicznego, z. 163, 2023 r.
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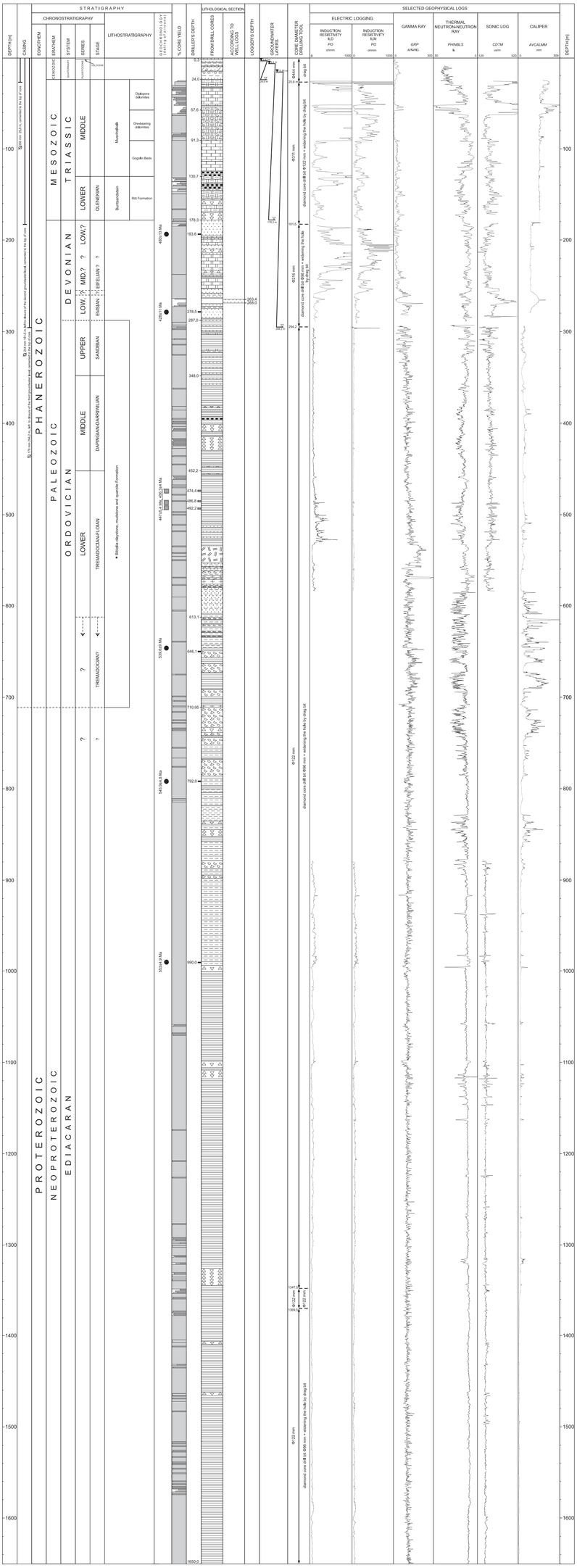

sedimentological breccias
tectonic breccias and cataclasites
conglomerates
residuum
sands and sandstones
mud and mudstones
clays, claystones and shales
limestones
marly dolomitic limestones
dolomites
cavernous dolomites
sandy dolomites
marly dolomites, dolomitic marls
glacial tills
lamprophyres
igneous rocks

groundwater levels: static; drilled

480±13 Ma – age of deposition based on the detrital zircons investigations

447±5,4 Ma – age of deposition based on the volcanogenic zircons in a cumulative sample from 474,4 m; 486,8 m; 492,2 m depth

792,0 – sampling depth for detrital zircon dating

486,8 – sampling depth for volcanogenic zircon dating

★ The Bibiela claystone, mudstone and quarzite Formation is an equivalent of the Bibiela Formation (name after Buła, 2000)

low, – lower; mid, – middle; ? – core intervals with unknown or uncertain stratigraphic position

Fig. 5. Lithological-stratigraphical section of the Bibiela PIG 1 borehole