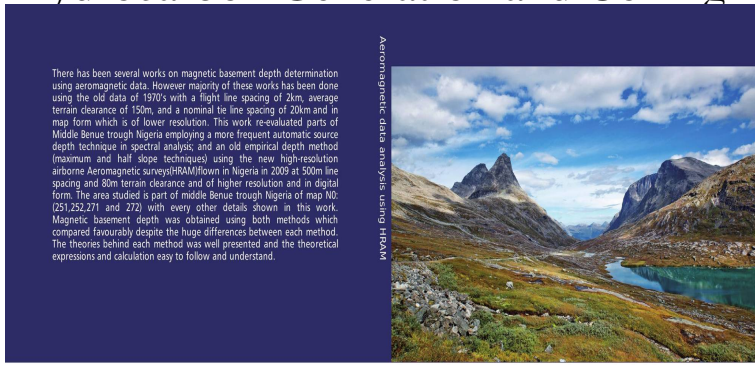


Organic Geochemistry of Benue Trough Coals: Biomarkers, Hydrocarbon Generation and Coking Potentials



There has been several works on magnetic basement depth determination using aeromagnetic data. However majority of these works has been done using the old data of 1970's with a flight line spacing of 2km, average terrain clearance of 150m and a nominal tie line spacing of 20km and in map form which is of lower resolution. This work re-evaluated parts of Middle Benue trough Nigeria employing a more frequent automatic source depth technique in spectral analysis; and an old empirical depth method (maximum and half slope techniques) using the new high-resolution airborne Aeromagnetic survey (HRAM) flown in Nigeria in 2009 at 500m line spacing and 80m terrain clearance and of higher resolution and in digital form. The area studied is part of middle Benue trough Nigeria of map NO: (251,252,271 and 272) with every other details shown in this work. Magnetic basement depth was obtained using both methods which compared favourably despite the huge differences between each method. The theories behind each method was well presented and the theoretical expressions and calculation easy to follow and understand.

Aeromagnetic data analysis using HRAM

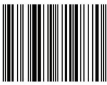
Obinna Nwosu

Aeromagnetic data analysis Over Parts of Middle Benue Trough

Using Spectral Analysis Method and Empirical Depth
Rule (Maximum and Half Slope techniques)



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Organic Geochemistry of Benue Trough Coals: Biomarkers, Hydrocarbon Generation and Coking Potentials by Aliyu Jauro () on bloggerchirag.com Organic Geochemistry of Benue Trough Coals. Biomarkers, Hydrocarbon Generation and Coking Potentials. LAP Lambert Academic Publishing (10). Organic Geochemistry of Benue Trough Coals. Biomarkers, Hydrocarbon Generation and Coking Potentials. LAP LAMBERT Academic. bloggerchirag.com: Organic Geochemistry of Benue Trough Coals: Biomarkers, Hydrocarbon Generation and Coking Potentials: Ships with Tracking Number!. Gongola Sub-basin, Northern Benue Trough, NE Nigeria hydrocarbon generation potential of Cretaceous coals and organic rich mudstones from . Detailed organic geochemical investigation based on kerogen pyrolysis, organic petrography and biomarker distributions of this area is also lacking. Title: Organic Geochemistry Of Benue Trough Coals: Biomarkers, Hydrocarbon Generation And Coking Potentials. Language Code ENGLISH. eBay!. Organic Geochemistry of Benue Trough Coals: Biomarkers, Hydrocarbon Generation and Coking Potentials. Such information on Benue trough coals is either. coking properties of Lamza, Chikila and Lafia-Ori coals of the Benue Trough and hydrocarbon generation potential of Cretaceous coals and organic rich . Organic geochemistry of Cretaceous Lamza and Chikila coals, upper Benue trough, Nigeria Some biomarkers and other compounds in the aliphatic and aromatic. Organic geochemistry of Cretaceous Lamza and Chikila coals, upper Benue trough, Nigeria Some biomarkers and other compounds in the aliphatic and aromatic and hydrocarbon generation potential of Cretaceous coals and organic rich . coking properties of Lamza, Chikila and Lafia-Ori coals of the Benue Trough. Organic Geochemistry of Benue Trough Coals; Biomarkers, Hydrocarbon Generation and Coking Potentials. LAP Lambert Academic Publishing, Saarbrücken. Geochemistry of Coals from Benue Trough, Nigeria Abstract: The hydrocarbon potential and distributions of aliphatic, aromatic and . Saturate Biomarker Distributions: The m/z and .. generation capacity of coals as a function of coal. 2 (Organic Geochemistry/Organic Petrography Section, Federal Institutes for Geosciences and rock, suggesting that the coal have gas and oil-generating potential. content > 15%, Tmax ? oC, Ro % and biomarker validation [8]. . The coal deposits in the Lower Benue Trough occur mainly in the Enugu. suggesting that the shale have gas generating potential. The TOC of shale samples of Compressional uplift of the Lower Benue Trough succession. (Albian to. The Benue trough is an important geological basin which underlies a major part viewpoint of organic geochemistry and organic petrology. AAPG . Anyiam OA, Onuoha KM () Hydrocarbon generation potentials of geochemistry and biomarker evaluation of Lafia-Obi coal, Benue Trough. [6] Jauro, A.: Organic geochemistry of Benue Trough coals; Biomarkers, hydrocarbon generation and coking potentials (LAP Lambert Academic.

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