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AN ALTERNATIVE METHOD TO EVALUATE AQUIFER PERMEABILITY

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ABSTRACT

New techniques are described to evaluate complex dual porosity aquifers using geophysical logs. Alternatives are presented to characterize highly heterogeneous rocks and identify the presence of primary and secondary porosity. Also, this methodology allows the evaluation qualitative indexes of permeability and petrophysical variables. Applications of these interpretive methodologies are presented for the karstic aquifer of the Northern Basin of Matanzas, Cuba.

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