

Ministry of Higher Education and Scientific Research
University of Baghdad / College of Science
Department of Geology



Comparison between 2D imaging survey and traditional electrode arrays in delineating subsurface cavities in Haditha-Hit area (W Iraq)

A

Thesis

Submitted to the college of Science
University of Baghdad in partial fulfillment
of the requirements for the degree of Doctor
of philosophy of science in
Geology (Geophysics)

By

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ إِذْ أَوْىءَ الْفِتْيَةُ إِلَى

الْكَهْفِ فَقَالُوا رَبَّنَا آئِنَا

مِنْ لَدُنْكَ رَحْمَةً وَهَيِّئْ لَنَا

مِنْ أَمْرِنَا رَشَدًا ﴿١٠﴾

صَدَقَ اللَّهُ الْعَلِيِّ الْعَظِيمِ

(سورة الكهف)

Dedication

To my family

Ali

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