

127, 17 27, 17 (20) 77, 17 (20









جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بللله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأفلام قد اعدت دون آية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15-20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of 15 – 25c and relative humidity 20-40 %



ثبكة المعلومات الجامعية





Information Netw. " Shams Children Sha شبكة المعلومات الجامعية @ ASUNET بالرسالة صفحات لم ترد بالأص



HYDROGEOLOGICAL AND GEOPHYSICAL STUDIES FOR THE EVALUATION OF GROUNDWATER AQUIFER IN WADI EL SAAIDA, IDFU, ASWAN, EGYPT

A THESIS

Submitted to the Faculty of Science (Aswan)
South Valley University

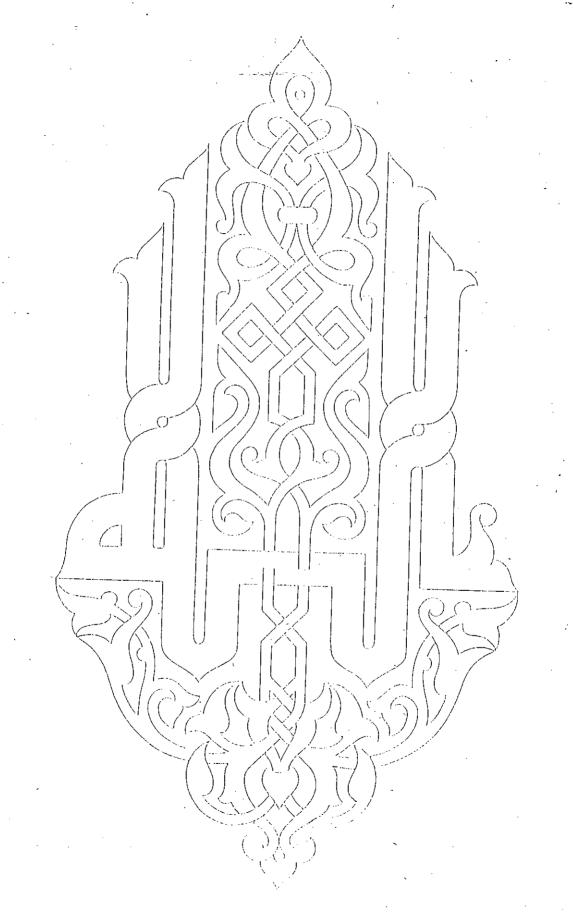
In Partial Fulfillment for the Degree
Of Master of Science
(Geology)

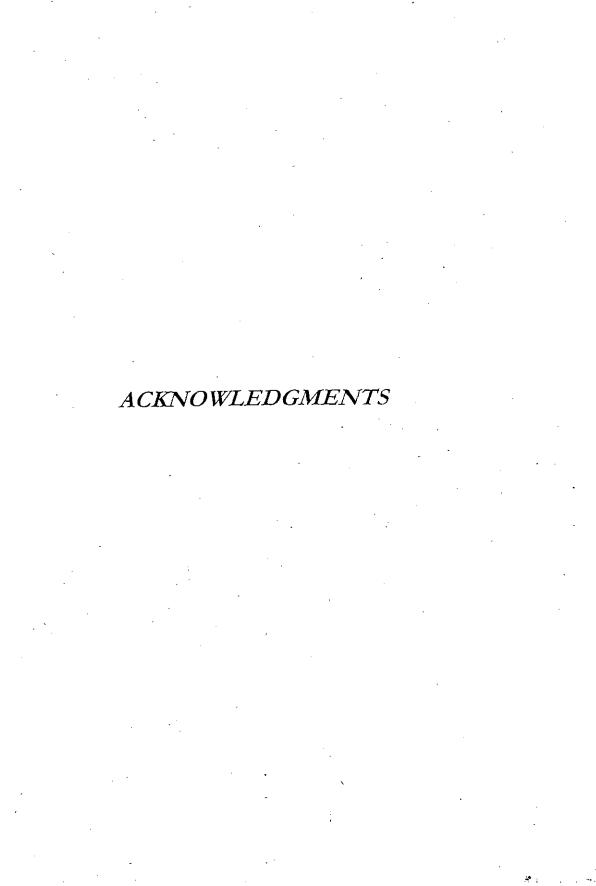
Ali Mohamed Ali Hamdan
B. Sc. (Geology, 1993)

February, 1999

BUNCI

*





ACKNOWLEDGMENTS

First of all gratitude is due to ALLAH who guides me to bring forth to light this thesis

My thanks are due to *Prof. Dr. H. El Amin*, Vice Dean for Student Affairs and Head of Geology Department, Aswan Faculty of Science, South Valley University, for his guidance, facilities, supervising and reading the manuscript.

My thanks are due to *Dr. Adel W. Felesteen*, Geology Department, Aswan Faculty of Science, South Valley University, for joint supervising, critically reading and revising the manuscript and continuous help during the laboratory work.

My thanks are due to *Dr. Abdel Azim M. Ibrahim*, Geology Department, Faculty of Science, Assiut University, for suggesting the point of the search, supervising, advices and help through the progress of this work.

Special and kind thanks are due to *Dr. Mahmoud M. Senosy*, Geology Department, Faculty of Science, Assiut University, for guidance and aid in the field and laboratory, fruitful discussions, continuous help during progress of work and his critical revising the manuscript.

I am greatly indebted to the Geology Department, Assiut Faculty of Science for permitting the use of the ABEM Terrameter SAS system Instrument by which the electrical resistivity measurements have been done.

My thanks are also due to *M. R. Shaker* for assistance during the field work and to *U. A. Mahalel* for assistance during the laboratory work. As well as my thanks are due to my colleague *Dr. S. A. Ahmed* for his advices.

Special and deep thanks are due to O. A. Soliman for kind help and aid during the preparation of this thesis.

My deep thanks are due to all members of Geology Department, Aswan Faculty of Science, South Valley University, and all who have given me hand during the progress of this thesis.

Finally, hearty and worm feeling and deep gratitude to my family and friends and all who have given me moral support.

A.M. Ali Hamdan



ABSTRACT