

List of content

Contents	Page No.
CHAPTER I	
INTRODUCTION	1
1.1 Location, topography and physiography	1
1.2 Accessibility	1
1.3 Aim and scope of the work	4
1.4 Methodology	4
1.5 Synopsis on the basement rocks of Egypt	5
1.6 Previous work on the studied area	14
CHAPTER II	
FIELD GEOLOGY	20
2.1 Introduction	20
2.2 Dokhan volcanics	20
2.3 Hammamat sedimentary rocks	23
2.4 Younger granites	29
2.5 Dykes	30
2.6 Veins and pockets	32
2.7 Structure	33
2.7.1 <i>Primary structures</i>	33
2.7.2 <i>Secondary structures</i>	36
CHAPTER III	
PETROGRAPHY	45
3.1. Dokhan volcanics	45
3.1.1. <i>Intermediate Dokhan volcanics</i>	45
3.1.2. <i>Acidic Dokhan volcanics</i>	47
3.1.3. <i>Pyroclastics</i>	52
3.2. Hammamat sedimentary rocks	53