TABLE OF CONTENTS

Page

ACKNOWLEDGEMENTS.....1

FOREWORD.....3

SYNOPSIS OF THE GEOLOGY OF HAITI.....3
Introduction.....3
General Physiographic Setting of the Island of Hispaniola.....5
General Structural Setting.....16

Geology.....18
Stratigraphy.....20
Outline of the Principal Rock Formations of Haiti.....20
Cretaceous - Paleogene.....20
Trois Rivières Formation.....20
Macaya Formation.....24
Dumisseau Formation.....26
Beloc Formation.....29
Marigot Formation.....34
Abuillot Formation.....35
Perodin Formation.....35
Plaisance Formation.....37
Jérémie Formation.....39
La Crête Formation.....41

Neogene.....42
Arc Formation.....42
Madame Joie Formation.....43
Thomonde Formation.....44
Las Cahobas Formation.....45
Maissade Formation.....46
Hinche Formation.....49
Rivière Grise Formation.....49
Morne Delmas Formation.....51
Rivière Gauche Formation.....54

Elevated Terraces.....54
ROAD LOG TO EXCURSIONS
Excursion One: Port-au-Prince - Jacmel.....55
Stop 1: Le Lambi-Neogene.....57
Stop 2: Morne à Bateau-Neogene.....59
Stop 3: Foothill, south of Carrefour Dufort-Neogene.....61
Stop 4: Laboule Sand Quarry-Paleogene.....62
Stop 5: Coniacian Limestone.....63
Stop 6: Unconformity between Dumisseau Complex and medial Maastrichtian chalk.....65
Stop 7: Béloc Formation.....65

Page

Stop 8: Béloc Formation near Stratotype.....65
Stop 9: Morne Castel-Neogene.....68
Stop 10: Chalk facies of the Jérémie Formation-Medial Oligocene.....68

Excursion Two: Jacmel-Paillant.....71
Stop 11: Road to Paillant. 3.5 km from the Reynolds Haitian Mines drying plant.....75

Excursion Three: Port-au-Prince - Cap-Haitian.....79
Stop 12: Source Matelas-Neogene.....80
Stop 13: Pierre Payen-Neogene.....81
Stop 14: Bois Neuf-Neogene.....81
Stop 15: Périsse-Cretaceous?.....83
Stop 16: North of Village of Poteaux, Mornes deux Mammelles-Paleogene.....84
Stop 17: Limestones near Ennery-Paleogene.....84
Stop 18: Lower foothills of Morne Puilboreau-Paleogene.....85
Stop 19: Morne Puilboreau - Chalk facies of the Jérémie Formation.....87
Stop 20: Puilboreau Pass-Paleogene.....87

SUMMARY AND CONCLUSIONS.....89

BIBLIOGRAPHY.....98