CONTENTS

TITLE	PAGE NO
CHAPTER - I	
INTRODUCTION	
SCOPE AND PURPOSE	1
APPROACH AND METHODOLOGY	4
GEOGRAPHIC LIMITS	5
PHYSIOGRAPHY AND DRAINAGE FLORA	6 7
FAUNA	8
CLIMATE AND RAINFALL	9
COMMUNICATION AND TRANSPORT	11
CHAPTER - II	
PREVIOUS WORK	
EARLY STUDIES	13
STUDIES CARRIED OUT DURING EARLY PART OF THE 20 TH CENTURY STUDIES CARRIED OUT DURING LAST FOUR	14
DECADES BY ARCHAEOLOGISTS AND GEOMORPHOLOGISTS	16
WORKS ON THE STUDY AREA	23
CHAPTER - III	
GEOMORPHOLOGY	
GENERAL	32
EASTERN ROCKY HIGHLANDS	33
THE RANNS OF KACHCHH	35
DRAINAGE CHARACTERISTICS	37

CHAPTER - IV

LITHOSTRATIGRAPHY AND FIELD DESCRIPTION

HIGHLIGHTS OF RESULTS

DISCUSSION OF THE RESULTS

GENERAL	48
STRATIGRAPHIC SEQUENCE IN	
THE STUDY AREA	51
SYSTEMATIC FIELD DESCRIPTION	52
BASAL BLUISH CLAY	52
LAKRODA FORMATION	53
HIRPURA FORMATION	56
SAROLI FORMATION	57
MAḤUDI FORMATION	59
LOCALITYWISE DESCRIPTION	62
CHAPTER - V	
TECTONIC SETTING	
GENERAL	81
CAMBAY BASIN TECTONICS	84
TECTONISM VIS-A-VIS DEPOSITION	85
PRE-DEPOSITIONAL TECTONIC	
MOVEMENTS	86
POST-DEPOSITIONAL TECTONISM	88
CHAPTER - VI	
DEPOSITIONAL ENVIRONMENTS	
GENERAL	93
ANALYTICAL HIGHLIGHTS	94

96

102

CHAPTER - VII

\sim	•	•	\sim
\mathbf{c}_{I}		•	•
.7()		1	11.

FIELD STUDIES LABORATORY ANALYSIS DATA INTERPRETATION	108 109 101
CHAPTER - VIII	
PALEOCLIMATIC ASPECTS	
GENERAL PALEOCLIMATIC SEQUENCE	113 114
SEDÌMENT CHARACTERISTICS VIS-A-VIS CLIMATIC FACTOR CHRONOLOGY OF PALEOCLIMATIC	117
EVENTS	120
PLEISTOCENE	121
HOLOCENE	124
CHAPTER - IX	
CONCLUDING DISCUSSION	127
CHAPTER - X	
RESUME	137
REFERENCES	146