## TABLE OF CONTENTS

Abstract i
Acknowledgements ii
List of Abbreviations iii
Table of Contents iv
List of Tables vi
List of Figures viii

Chapter 1
INTRODUCTION 1
Prelude to the study section 1
Geology 2
Sedimentology 3
Lithology 4
Stratigraphy 6
Biostratigraphy 7
Chronostratigraphy 8
Taphonomy 9
Palæoenvironment of the Siwaliks 10
Divisions of the Siwaliks 12
Review of fossil rhinoceroses 21
Fossil rhinoceroses in Pakistan 30
Collection methodology 31
Objectives of Present Study 32
Study material 32
Thesis Layout 33
Tooth morphology 34

Chapter 2
Systematic Palæontology 38
Genus *Rhinoceros* 39
<table>
<thead>
<tr>
<th>Genus</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Punjabitherium</td>
<td>63</td>
</tr>
<tr>
<td>Gaindatherium</td>
<td>68</td>
</tr>
<tr>
<td>Alicornops</td>
<td>87</td>
</tr>
<tr>
<td>Chilotherium</td>
<td>109</td>
</tr>
<tr>
<td>Brachypotherium</td>
<td>128</td>
</tr>
</tbody>
</table>

**Chapter 3**

**Palaeobiogeography of the Siwalik Rhinoceros**

- Fossil rhinoceroses in the Bugti Hills 150
- Fossil rhinoceroses in the Manchar Fm. 152
- Rhinoceros distribution in the Siwaliks 153

**References**

160

**Appendices**

181