**LIST OF TABLES**

<table>
<thead>
<tr>
<th>Table</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Geological succession of the Lidder Valley.</td>
<td>6</td>
</tr>
<tr>
<td>II</td>
<td>Average chemical composition of the Panjal Traps compared with the basaltic rocks of Karroo.</td>
<td>25</td>
</tr>
<tr>
<td>III</td>
<td>Chemical and normative composition of the Panjal Traps.</td>
<td>29</td>
</tr>
<tr>
<td>IV</td>
<td>Trace element composition of the Panjal Traps.</td>
<td>54</td>
</tr>
<tr>
<td>V</td>
<td>Rb, Ba and Sr values of the Panjal Traps compared with these elements in the tholeiitic rocks of different tectonic environments and alkali basalt.</td>
<td>65</td>
</tr>
<tr>
<td>VI</td>
<td>Lateral variation in the chemical composition of a single flow of the Panjal Traps.</td>
<td>74</td>
</tr>
<tr>
<td>VII</td>
<td>Chemical composition of the Panjal Traps from different regions of Kashmir compared with the average composition of the Panjal Traps of Lidderwat.</td>
<td>74</td>
</tr>
</tbody>
</table>