**GEOLOGICAL MAP**

**ISLAND STATISTICS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area (km²)</td>
<td>14919</td>
</tr>
<tr>
<td>Max. Elevation (masl)</td>
<td>2986</td>
</tr>
<tr>
<td>Aquifer Lithology</td>
<td>Sandstone/ Carbonates</td>
</tr>
<tr>
<td>Average Annual Precipitation (mm/a)</td>
<td>1470</td>
</tr>
<tr>
<td>Calculated AET (mm/a)</td>
<td>914</td>
</tr>
<tr>
<td>Recharge (mm/a)</td>
<td>554</td>
</tr>
<tr>
<td>Max. Aquifer Thickness (m)</td>
<td>300</td>
</tr>
<tr>
<td>Groundwater Vol. (x10⁹ m³)</td>
<td>224</td>
</tr>
<tr>
<td>GW Vol. Abstracted (x10³ m³/a)</td>
<td>1172</td>
</tr>
<tr>
<td>Predominant Natural Groundwater Quality</td>
<td>Fresh</td>
</tr>
</tbody>
</table>

**CONCEPTUAL HYDROGEOLOGICAL CROSS-SECTION**

- **Major City**: Dili
- **Groundwater Table**: Various layers indicate different aquifers and groundwater levels.
- **Flow Line**: Arrows indicate the direction of groundwater movement.
- **Dominant Aquifer**: Identification of key aquifer layers.

**LEGEND**

- Sedimentary
- Carbonate
- Coarse Alluvium
- Shale
- Sandstone
- Igneous
- Unfractured
- Fractured
- Karstic Carbonate
- Permeable Volcanic
- Metamorphic
- Unfractured
- Fractured
- Metamorphic (Undif.)


**The cross-section is provided for illustrative purposes and may not represent actual conditions.**