MONTSERRAT ISLAND - MONTSERRAT

GEOLOGICAL MAP

ISLAND STATISTICS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area (km²)</td>
<td>103</td>
</tr>
<tr>
<td>Max. Elevation (masl)</td>
<td>914</td>
</tr>
<tr>
<td>Aquifer Lithology</td>
<td>Volcanics</td>
</tr>
<tr>
<td>Average Annual Precipitation (mm/a)</td>
<td>2587</td>
</tr>
<tr>
<td>Calculated AET (mm/a)</td>
<td>1413</td>
</tr>
<tr>
<td>Recharge (mm/a)</td>
<td>1061</td>
</tr>
<tr>
<td>Max. Aquifer Thickness (m)</td>
<td>300</td>
</tr>
<tr>
<td>Groundwater Vol. (x10⁹ m³)</td>
<td>15.45</td>
</tr>
<tr>
<td>GW Vol. Abstracted (x10⁶ m³/a)</td>
<td>0.82</td>
</tr>
<tr>
<td>Predominant Natural Groundwater Quality</td>
<td>Fresh</td>
</tr>
</tbody>
</table>

LEGEND

- Sedimentary
- Coarse Alluvium
- Carbonate
- Karstic Carbonate
- Shale
- Sandstone
- Unfractured
- Igneous (Undif.)
- Fractured
- Igneous (Undif.)
- Permeable Volcanic
- Unfractured
- Metamorphic (Undif.)
- Fractured
- Metamorphic (Undif.)
- Major City
- Groundwater Table
- Flow Line
- Dominant Aquifer

CONCEPTUAL HYDROGEOLOGICAL CROSS-SECTION

- Plymouth
- A - A'
- Lava Domes
- Pyroclastics
- Freshwater Lens

REF: DEM: USGS(2004), Shuttle Radar Topography Mission

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