GRENADA ISLAND - GREENADA

GEOLOGICAL MAP

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

GRENADA ISLAND - GRENADA
LAT:12.1167°N  LONG: 61.6667°W

ISLAND STATISTICS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area (km²)</td>
<td>344</td>
</tr>
<tr>
<td>Max. Elevation (masl)</td>
<td>840</td>
</tr>
<tr>
<td>Aquifer Lithology</td>
<td>Volcanics/Limestone</td>
</tr>
<tr>
<td>Average Annual Precipitation (mm/a)</td>
<td>1516</td>
</tr>
<tr>
<td>Calculated AET (mm/a)</td>
<td>1303</td>
</tr>
<tr>
<td>Recharge (mm/a)</td>
<td>213</td>
</tr>
<tr>
<td>Max. Aquifer Thickness (m)</td>
<td>300</td>
</tr>
<tr>
<td>Groundwater Vol. (x10⁶ m³)</td>
<td>10.32</td>
</tr>
<tr>
<td>GW Vol. Abstracted (x10⁶ m³/a)</td>
<td>1.1</td>
</tr>
<tr>
<td>Predominant Natural Groundwater Quality</td>
<td>Fresh</td>
</tr>
</tbody>
</table>

CONCEPTUAL HYDROGEOLOGICAL CROSS-SECTION

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

St. Georges
A
A'

REF: DEM: USGS (2004), Shuttle Radar Topography Mission
GEO: Arculus, R., (1976) Geology and geochemistry of the alkali basalt-andesite association of Grenada, Lesser Antilles island arc. (Modified)