World Geology of Bangladesh

EXPLANATION

Surface Geology

- csd - Beach and dune sand
- dsw - Mangrove swamp deposit
- dm - Tidal mud
- dt - Tidal deltaic deposits
- de - Estuarine deposits
- dsl - Deltaic silt
- dsd - Deltaic sand
- ppc - Marsh clay and peat
- asd - Alluvial sand
- asl - Alluvial silt
- asc - Alluvial silt and clay
- ac - Chandina alluvium
- ava - Valley alluvium and colluvium
- afy - Young gravelly sand
- afo - Old gravelly sand
- rb - Barind clay residuum
- rm - Madhupur clay residuum
- Qsm - St. Marin limestone (Pleistocene)
- QTdd - Dihing and Dupi Tila Formation Undivided
- QTdi - Dihing Formation (Pleistocene and Pliocene)
- QTdt - Dupi Tila Formation (Pleistocene and Pliocene)
- QTg - Girujan Clay (Pleistocene and Neogene)
- Tt - Tipam Sandstone (Neogene)
- Tbb - Boka Bil Formation (Neogene)
- Tb - Bhuban Formation (Miocene)
- Tba - Barail Formation (Oligocene)
- Tj - Jaintia Group
- Lakes
- Ocean and wide rivers
- Unmapped area

Generalized Tectonic Features

- Barisal Gravity High
- Borga Shelf
- Calcutta-Mymensingh Hinge
- Faridpur Trough
- Hatia Trough
- Himalayan Foredeep
- Indo-Burman Ranges
- Rangpur Platform
- Shillong Massif
- Sylhet Trough

Geologic and Geophysical Data

- Assessment Units
- Total Petroleum System
- Pod of Active Source Rocks
- Faults and Tectonic Contacts

Aeromagnetic Anomaly (nT)

- 450 - 600
- 600 - 750
- 750 - 850
- 850 - 1000
- 1000 - 1150
- 1150 - 1300
- 1300 - 1400

Magnetic Field (nT)

High : 0

Low : -253

Bouguer Gravity Contours (mG)

- -170 - -130
- -130 - -90
- -90 - -60
- -60 - -40
- -40 - -20
- -20 - 10

Bouguer Gravity Anomaly (Generalized)

- -170 - -30
- -30 - 0

Bouguer Gravity (mGal)

High : 0

Low : -254

Generalized Physiographic Features

- Acrai Flood Plain
- Barind Tract
- Brahmaputra-Jamuna Flood Plain
- Chittagong Hill Tracts
- Coastal Plain
- Delta (Tidal)
- Ganges (Active)
- Ganges (Inactive)
- Ganges Flood Plain
- Madhupur Tract
- Meghalaya Foothills
- Meghna Flood Plain
- Old Brahmaputra Flood Plain
- Sylhet Depression
- Sylhet Foothills
- Tippera Surface
- Tista Fan (Active)
- Tista Fan (Inactive)

Elevation (in meters)

- 0-3
- 3-10
- 10-30
- 30-75
- 75-300
- > 300
- Bathymetric Contours (m)
- land
- water