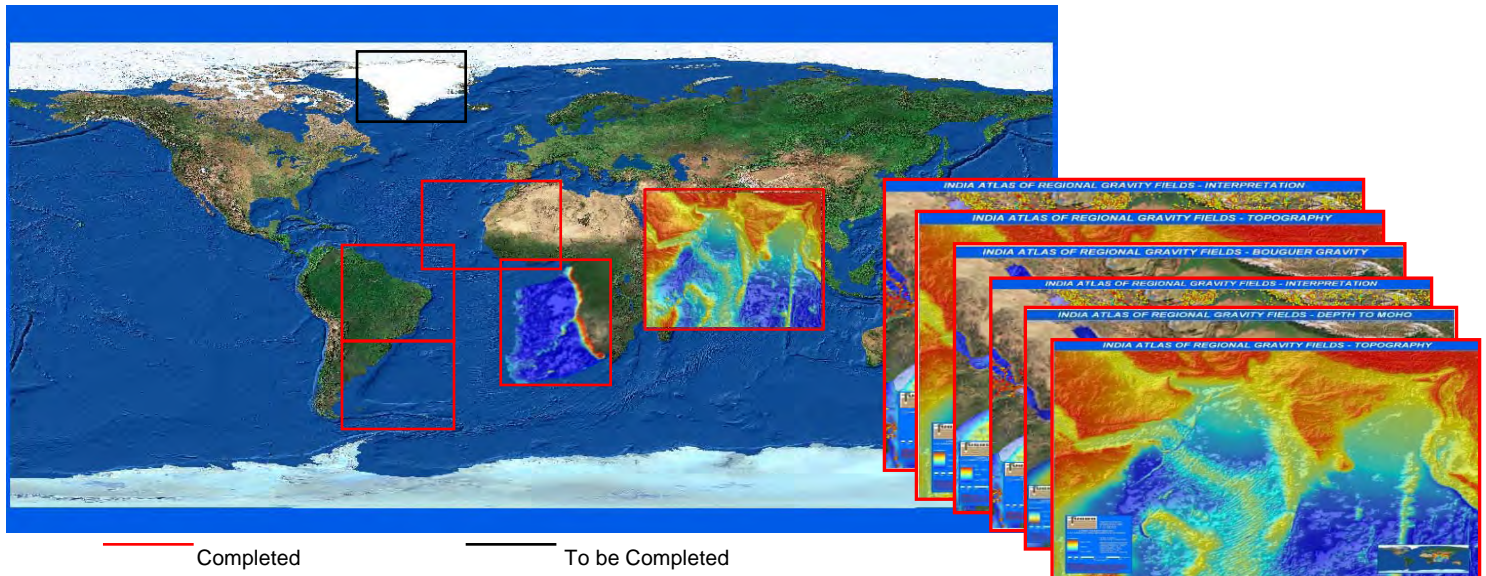


## TECTONIC ATLAS 2.0

An ArcGIS™ Compilation of Geological & Geophysical Data



### Includes the following layers:

- **Heat Flow Data**  
Measured heat flow values from open file compilations.
- **Terrestrial and Submarine Volcanos**  
(NGDC) Volcano Database.
- **Earthquake Seismicity**  
Seismicity epicenter locations, depths, and magnitudes from (USGS).
- **Oil and Gas Provinces**  
Economic basin boundaries.
- **Topography-Bathymetry Data.**
- **Moho Depth**  
Moho depth from the CRUST 2.0 global crustal model.
- **Estimated Crystalline Crustal Thickness 1**  
Crystalline crustal thickness estimated from the CRUST 2.0 Moho depth surface and open file.
- **Estimated Crystalline Crustal Thickness 2**  
Crystalline crustal thickness estimated from an Airy isostatic Moho depth surface and open file.
- **Oceanic-Type Crust Sea Floor Age**  
Oceanic-type crust sea floor age grid. (Published)
- **Offshore Sediment Thickness**  
Offshore sediment thickness from (NGDC).
- **Drainage**  
River drainages.
- **Gravity Anomaly Grids, Contours, and Images**  
A satellite-derived gravity anomaly suite developed from the latest compilation of Sandwell and Smith. Included in the suite are:
  - Free-Air Gravity Anomaly
  - Bouguer Gravity Anomaly
  - Isostatic Gravity Anomaly
  - Low-Pass Filtered Bouguer Gravity Anomaly
  - High-Pass Filtered Bouguer Gravity Anomaly
  - Vertical & Horizontal Gradient of Bouguer or Isostatic Gravity Anomaly
- **Gravity Anomaly Interpretation Elements**  
Features interpreted from the gravity anomaly map suite include:
  - Inferred Sedimentary Depocenter Extents
  - Axes of Gravity Maxima (structural axes)
  - Axes of Gravity Minima (basin and sub-basin axes)
  - Gravity Lineations (structural trends, faults, and discontinuities)
  - Continental-Oceanic boundary delineation

Prices Available Upon Request

**Fugro Gravity & Magnetic Services**  
6100 HILLCROFT, Ste., 115  
HOUSTON, TX 77081  
713-369-6123 – MAIN  
713-369-6137 - FAX