



GPS Positioned Gravity



When Capability Counts...Count on Fugro Ground Geophysics
Tailoring solutions to meet ground geophysical challenges / opportunities

GPS Positioned Gravity

Fugro Ground Geophysics (FGG) is a world leader in the acquisition of gravity data using GPS technology. We are specialists in conducting conventional vehicle transported gravity surveys, using All Terrain Vehicles and standard four wheel drive vehicles as dictated by the terrain. We routinely conduct regional scale helicopter supported gravity surveys for private and government clients, in addition to walking crews for more detailed surveys.



Gravity surveying in Australia - ATV assisted

Applications

Gravity surveys are used when the targets sought possess different densities relative to their host materials. Gravity surveys have successfully been used in the following applications.

- Mineral exploration
- Oil & Gas exploration
- Engineering
- Groundwater investigations
- Geothermal
- Geological mapping of structure and lithology



Gravity surveying in Africa - Helicopter assisted



Industry Standard and custom in-house hardware and software

GPS Positioned Gravity

Advantages

As Australia's largest survey provider, FGG own an extensive range of gravity equipment supported by the following.

- Data Processing and QC - Custom in-house software for the reduction of gravity data, complex variable density terrain corrections, data quality control and evaluation. Industry standard software (both manufacturer developed and independent) for GPS post-processing, least squares network adjustment, data manipulation and imaging. Data are reduced to Bouguer values and subjected to preliminary QC procedures daily in the field. Raw gravity data and processed GPS data are also transmitted back to FGG's offices daily for additional processing, quality control checks and prompt delivery to clients.
- multiple independent crews for each job to ensure the survey is completed efficiently and quickly...



Fugro Ground Geophysics

Fugro Ground Geophysics are world leaders in acquiring and processing high quality ground geophysical data for mineral, oil, gas, and water exploration, for engineering studies and for environmental monitoring, throughout the world.

- IP (2D & 3D)
- GPS Gravity
- EM (surface and BH)
- Magnetics
- NMR
- Radiometrics
- Seismic & GPR
- CSAMT / MT

Global - Experienced - Safe

Fugro Ground Geophysics

Perth - Australia

Email: perthmail@fugroground.com

Phone: +6 18 9273 6400

Contact: Alex Low, Tyler Raleigh

Peru - South America

Email: perumail@fugroground.com

Phone: +51 1 440 2346

Contact: Glen Gooch