

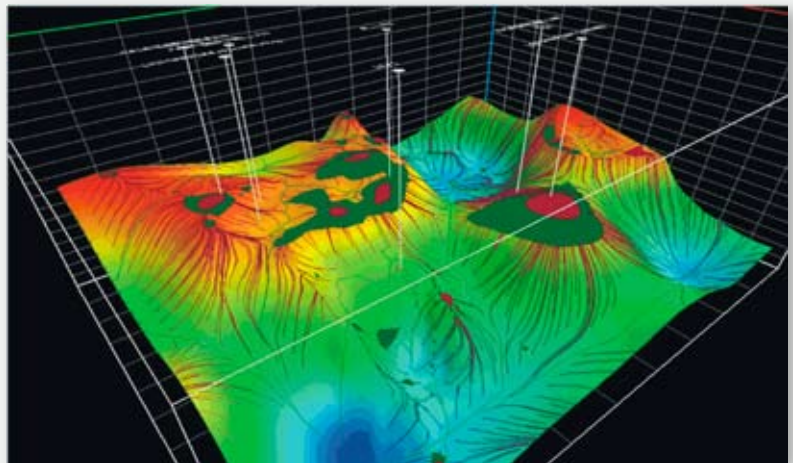
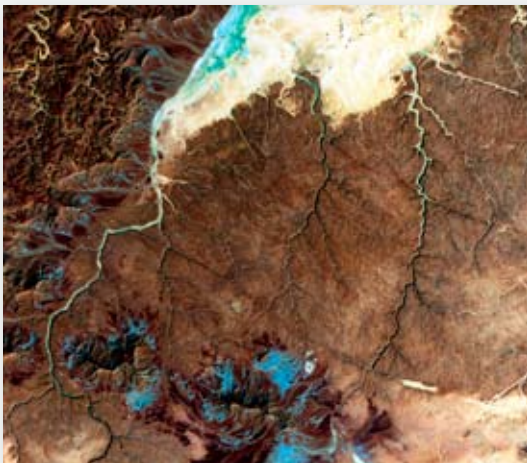


GEOLOGICAL SERVICES

GWL supplies a range of geological services to the international petroleum exploration and development industry. Our consultants work as part of an integrated multidisciplinary team for:

- Reserve and Asset Valuations
- Contract Negotiations
- Licence Applications
- Basin Evolution Modelling
- Specialist Projects/Data Rooms
- Development Teams

In addition, we can apply our independent, specialist skills in key disciplines:



Stratigraphy

- Lithostratigraphy
- Sequence Stratigraphy
- Biostratigraphy
 - Micropalaeontology
 - Palynology
 - Nannopalaeontology
- Chemostratigraphy
- Well Correlation

Sedimentology

- Carbonate and Siliciclastic Environments
- Core Description
- Facies Analysis
- Wireline Log Interpretation
- Petrology
 - Thin Section Description
- SEM Analysis
- Paragenetic Analysis

Reservoir Geology

- Depositional Modelling
- Play Fairway Mapping
- Prospect Evaluation
- Reservoir Parameter Mapping
- 3D Modelling

Structural Geology

- Reservoir Fracture Analysis
- Tectonic Evolution and Regional Tectonic Analysis
- 2D and 3D Reconstruction and Balancing
- Satellite Image Analysis and Interpretation
 - Structural Analysis and Mapping



Field Mapping

- Detailed Structural and Reconnaissance Mapping
 - Pre Seismic Survey Analysis
 - Reservoir Analogues

Geochemistry

- Single and Multi-well Appraisals
- Reservoir and Regional Correlations
- Geochemical Surveying
- Planning and Specification
- Tender Management and Evaluation
- Field and Laboratory QC
- Statistical analysis, mapping and interpretation



Additional Services

Additional services available to all disciplines include:

- Laboratory Analysis – XRD and Chemostratigraphy
- Information Management
 - Migration of legacy databases
 - Population of application-specific data models
 - Data analysis and modelling applications

Geophysics

- Data Acquisition, QC and Supervision (2D, 3D and Site Surveys)
- Data Processing
- 2D and 3D Interpretation and Integration
- Geohazard Evaluation (e.g. pipelines)
- Archive, Distribution and Storage



Experience

Our consultants have experience in many of the world's sedimentary basins, particularly:

- NW Europe
- Middle East
- South East Asia
- South America
- North and West Africa
- Central Asia and Carpathians

Our clients include investors, operators, partners and public authorities involved in the exploration, development and extraction of oil and gas resources.

For high quality professional services contact:

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