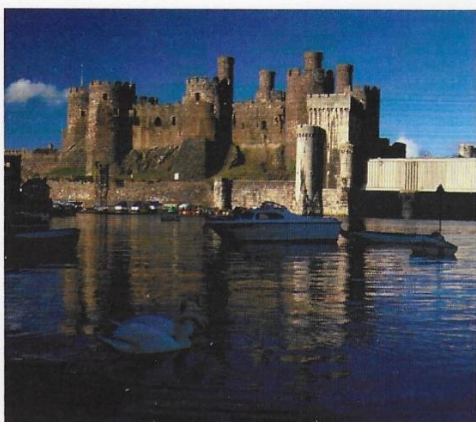




## COMPANY PROFILE



**Geoscience Wales Limited (GWL)** supplies a diverse range of services and products in the petroleum, mineral and mining, information management, geotechnical and environmental sectors. The company was established in 1999, by people with natural resource exploration and development experience.

GWL's mission is to exploit its unique skills in these key areas by the provision of the highest quality services.

Operating from headquarters in the United Kingdom, GWL has professional, experienced and highly specialised people using advanced technologies to help its clients add value to their businesses. GWL's independence and broad skills set make the company an ideal partner.

GWL has global experience with projects undertaken in over 50 countries. Our customers include major international oil and mining companies, national and local governments, energy contractors and financial institutions.

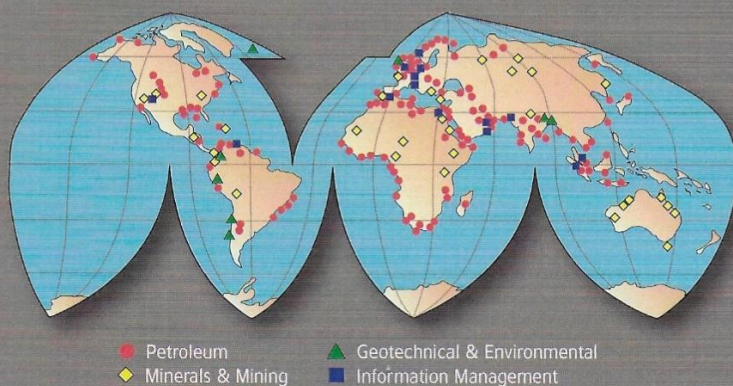
### Geoscience Disciplines

- Geology
- Geophysics
- Geochemistry
- Geotechnical Engineering
- Data Management
- Traditional Cartography
- GIS
- Remote Sensing

### Applications

- Petroleum exploration and production
- Minerals and mining exploration
- Information Management
- Environmental risk assessment
- Glacial hazard assessment and mitigation
- Earthquake disaster preparedness

#### Representative Project Experience



*Geoscience Wales Limited is a multi-disciplinary consultancy, supplying professional services to the petroleum, minerals and mining, information management, geotechnical and environmental sectors.*

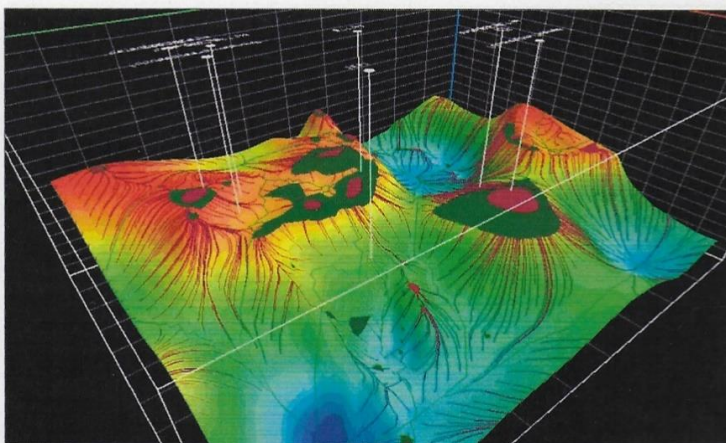


## **GEOLOGICAL SERVICES**

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**

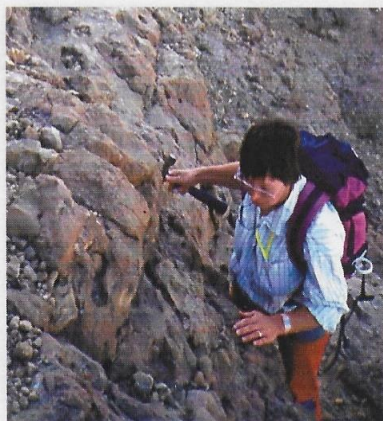
- Carbonate and Siliciclastic Environments
- Core Description
- Facies Analysis
- Wireline Log Interpretation
- Petrology
  - Thin Section Description
- SEM Analysis
- Paragenetic Analysis

### **Reservoir Geology**

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

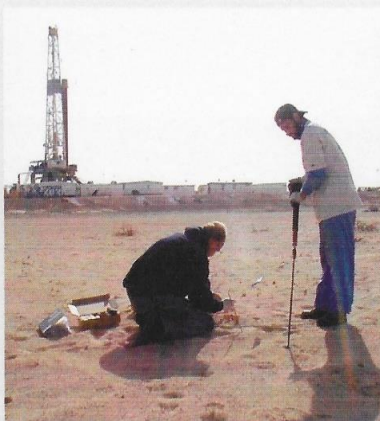
## Structural Geology

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



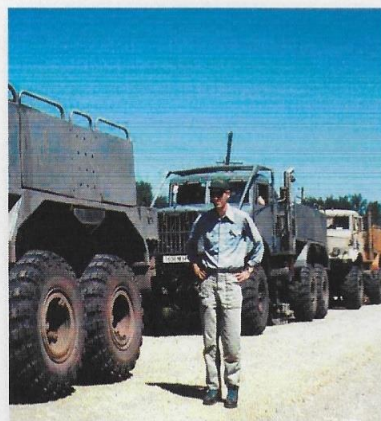
## Geochemistry

- 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



## 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



## Field Mapping

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

## 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

## 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:

Geoscience Wales Limited, 9 Connaught House, Riverside Business Park, Benarth Road, Conwy, LL32 8UB. UK. Tel +44 1492 592 425

E: [admin@geoscience-wales.co.uk](mailto:admin@geoscience-wales.co.uk) W: [www.geoscience-wales.co.uk](http://www.geoscience-wales.co.uk)

## Products and Services

- Petrog
- Stepper Stage
- Regional Studies
- Licence applications
- Regional and review studies
- Field mapping
- Laboratory analysis
- Process engineering
- Data clean-up and QC review
- Data processing and analysis
- Database analysis and design
- Web delivery solutions
- Project Management
- Training

## Contact Details

GWL operates from the Riverside Business Park, which is supplied with high quality conference and communications facilities. The Business Park is conveniently located approximately one hour by road from Manchester International Airport on the A55 Euro-Route ( close to Exit 18 ) and close to Llandudno Junction railway station on the main London-Holyhead-Dublin Intercity rail line.



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