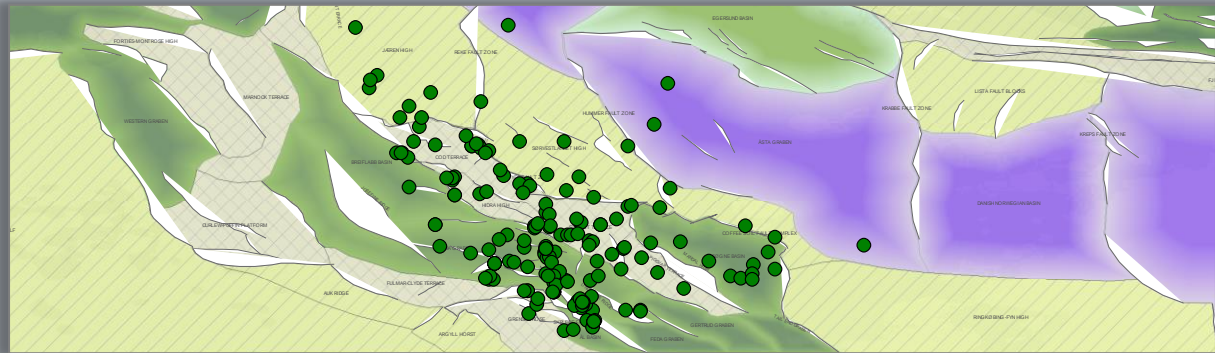


# Norwegian Central Graben

## Geochemical Interpretation Report

NEW FOR  
**2018**

This report covers the interpretation of petroleum geochemical data held within part of IGI's Norway North Sea Petroleum Geochemical Database (2017 Edition). That database has been compiled in p:IGI format from geochemical data within reports made available on the Norwegian Petroleum Directorate's (NPD) website, and is available as a separate product. It contains data for over 11,500 samples from 176 wells.



The interpretation report identifies and characterises key source rock intervals, correlating these intervals with oils, condensates and gases within the basin, and includes a regional evaluation of source rock burial and maturation through 1-D modelling of selected wells.

- **Source rock geochemistry:** A regional evaluation of over 10,900 rock samples from 117 wells, considering hydrocarbon potential, kerogen type and maturity, with selected key source intervals considered for molecular and isotopic characteristics for correlation.
- **Hydrocarbon geochemistry:** Interpretation of both the molecular and isotopic composition of over 400 oils, condensates and stains to evaluate alteration, source maturity and recognition of distinct oil families, prior to an oil-source correlation. The report also presents interpretations on available geochemical data for 133 gas samples from 10 wells.
- **1-D Basin modelling:** Models have been produced for 17 drilled wells throughout the Norwegian Central Graben region and calibrated to temperature and maturity data. Results are presented for both local burial/maturation history and integrated for a regional evaluation of source maturity.

The report is provided in both printed and digital formats, the comprehensive bound report being accompanied by a CD with copies of the PowerPoint slide sets and text report, and the 1-D models in Zetaware's Genesis format. The Norwegian Central Graben Geochemical Database is not included with the report, but is available for separate purchase.

Report cost

Stand-alone price: £35,000

If bought with database: £24,500

For further details please contact:  
[info@igilt.com](mailto:info@igilt.com)

### Source Rock Geochemistry

- \* Evaluation of >10,900 samples (117 wells)
- \* HC source potential by lithostratigraphic unit
- \* Key sources identified and characterised

### Hydrocarbon Geochemistry

- \* Evaluation of 400 fluid samples
- \* Gas geochemistry
- \* Oil grouping and oil-SR correlation

### 1-D Basin Modelling

- \* 1-D models for 17 drilled wells
- \* Regional burial and maturity history



# Contents of the report:

1. Introduction
2. Source rock geochemistry
  - Overview of the different lithostratigraphic groups
  - Evaluation of source rock potential by lithostratigraphic unit
  - Initial evaluation of source rock maturity
  - Key potential source intervals
  - Source characteristics for correlations
3. Oil geochemistry
  - Sample integrity and alteration
  - Oil maturity
  - Oil sources and correlation
4. Gas geochemistry
5. 1-D basin modelling
  - Models for 17 drilled wells
  - Regional evaluation

