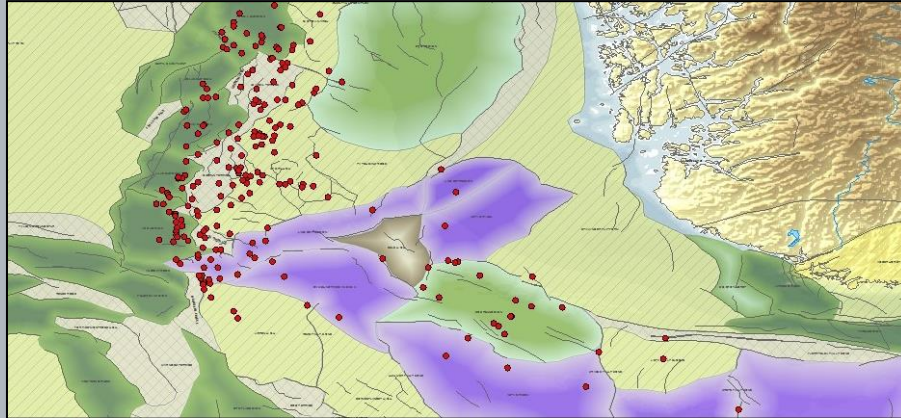


# Norwegian South Viking Graben & Danish-Norwegian Basin

NEW FOR

# 2018

## Geochemical Interpretation Report



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 14,400 rock samples from 178 wells, identifying 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 330 oils and condensates to evaluate alteration, maturity and recognition of distinct oil families, prior to an oil-source correlation. The report also presents interpretations on available geochemical data for over 620 gas samples from 56 wells.
- **1-D Basin modelling:** Models have been produced for 20 drilled wells throughout the Norwegian South Viking Graben and Danish-Norwegian Basin 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 South Viking 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@igiltd.com](mailto:info@igiltd.com)

### Source Rock Geochemistry

- \* Evaluation of >14,400 samples (178 wells)
- \* HC source potential by lithostratigraphic unit
- \* Key sources identified and characterised

### Hydrocarbon Geochemistry

- \* Evaluation of 330 fluid samples
- \* Gas geochemistry
- \* Oil grouping and oil-SR correlation

### 1-D Basin Modelling

- \* 1-D models for 20 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 20 drilled wells
- Regional evaluation

