

# Møre and Vøring Basins | MV12

Geophysical Atlas of the Møre and Vøring Basins | 22nd Licensing Round Edition

## CONTENTS

### Introduction

- Executive Summary
- Nomenclature Map
- Tectonic Calendar
- Geological Framework
- Well Data
- Well Tie Seismic Data: Discoveries
- Well Tie Seismic Data: Stratigraphic Wells
- Petroleum Systems

### NE Atlantic Conjugate Margin

- Bathymetry
- 200-km Bouguer Anomaly
- Total Magnetic Anomaly
- Lineations and Domains
- Plate Tectonic Reconstructions

### Mid-Norway Margin

- Nomenclature
- Bathymetry
- Total Magnetic Anomaly
- 100-km Magnetic Anomaly
- Free-Air Anomaly
- Bouguer Anomaly
- 100-km Bouguer Anomaly
- Anomaly Nomenclature
- Trends and Lineations
- Gravity/Magnetic Cluster Map
- Anomaly Interpretation
- Magnetic Interpretation
- Gravity Interpretation
- NW Vøring: R-1 Observations
- NW Vøring: R-1 Model
- Central Vøring: R-2 Observations
- Central Vøring: R-2 Model
- Central Møre: R-3 Observations
- Central Møre: R-3 Model

### Vøring Basin

- Nomenclature Map
- Licensing Status and Wells
- 50-km Bouguer Anomaly
- 50-km Magnetic Anomaly
- Anomaly Nomenclature
- Cluster Map
- Depth to Magnetic Sources > 4 km
- Vøring Basin | Tectonic Model
- Sill maturation | Utgard Case Study

### 22nd Round Case Studies

- Northern Vøring | Sub-basalt
- Profile Nyk High-Naglfar Dome: Gravity Model
- Profile Nyk High-Naglfar Dome: Magnetic Model
- Vøring Volcanic Complex
- Gjallar Ridge
- Profile Gjallar-Nyk: Gravity Model
- Profile Gjallar-Nyk: Magnetic Model
- Vigrid Syncline

### Bibliography

- References

### Appendix

- SGM Interpretation
- Data and Methods
- Seismic Coverage
- Gravity Coverage
- Magnetic Coverage
- License Status
- Volcanic Complexes and Processes