



# Example of Geophysicist Job Description

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Our growing company is looking to fill the role of geophysicist. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for geophysicist

- Risk and Uncertainty
- A PhD or equivalent research experience in geophysics with geology but direct applicability and relevance to the analysis and application of airborne electromagnetics must be demonstrated
- Demonstrated ability in processing and inversion of ground and airborne electromagnetic data in applications for exploration through coverand for groundwater investigations in Australian settings
- Experience in the use of EM processing and forward and inversion codes, including a high level understanding and use of AarhusGeosoftware's Workbench, EMFlow, & GA-LEI, along with programming skills in Matlab or equivalent
- Provides high quality geophysical products in support of development horizontal well planning, geomodel construction and horizontal drilling support
- Identifies and progresses new leads and development opportunities within and outboard of established field areas
- Participates in the ongoing Fiord West seismic reprocessing project and leads the post processing and interpretation effort in support of the ERD Fiord West Development
- Participates in the ongoing Rendezvous (GMT2) CSI survey processing QC and take a lead role in the post processing and interpretation effort in support of the GMT2 project

production forecasting and long range planning efforts

- Provides geophysical support for a variety of regulatory and stakeholder issues (Unit and participating area expansions/contractions, redeterminations, annual stakeholder meetings)

## Qualifications for geophysicist

- Experience required in horizontal operations and geosteering
- Master's Degree or higher in Geology or Geophysics
- Experience with SMT and Hampson-Russell required
- At least a BS in Geophysics (or related field) with over 5 years experience
- Experience with UXO classification
- Experience with Oasis Montaj Geosoft Geophysical Data Analysis software and Matlab Computational Software