VETASSESS

Information sheet

Geologist

ANZSCO: 234411

About this document

- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level and content. Qualifications are assessed according to the guidelines published by the Australian Government Department of Education.
- The employment assessment involves determining the skill level and relevance of the tasks undertaken.
- Integrity checks may be conducted to verify the qualification and employment claims made in an application.

Job description

A Geologist studies the composition, structure and other physical attributes of the earth to increase scientific knowledge and to develop practical applications in fields such as mineral exploitation, civil engineering, environmental protection and rehabilitation of land after mining.

Occupations considered suitable under this ANZSCO code:

- Marine Geologist
- Palaeontologist

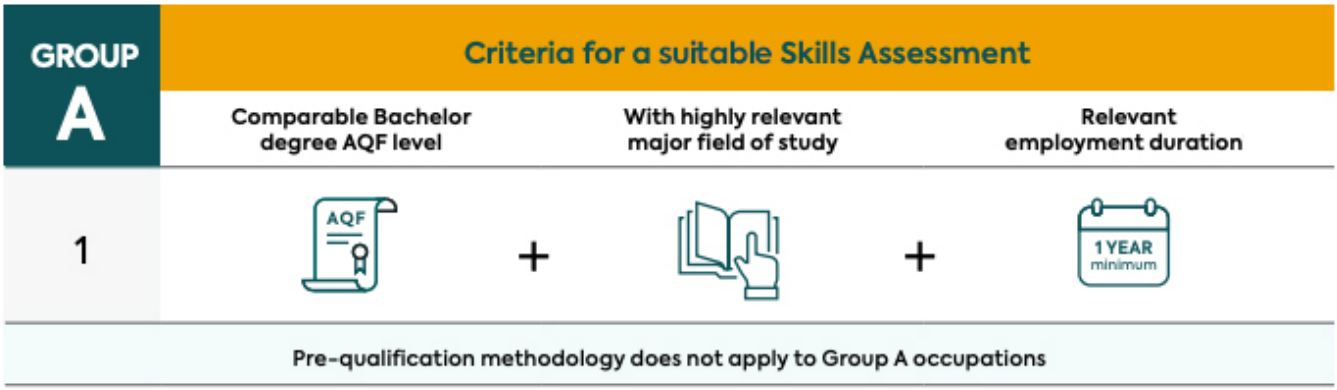
Occupations not considered under this ANZSCO code:

- Geophysicist
- Hydrogeologist
- Earth Science Technician

These occupations are classified elsewhere in ANZSCO or are not at the required skill level.

Geologist is a VETASSESS Group A occupation

This occupation requires a qualification assessed as comparable to the educational level of an Australian Qualifications Framework (AQF) Bachelor degree or higher, in a field highly relevant to the nominated occupation.



Applicants will not meet the required skill level if:

The information below describes the available pathways for a Skills Assessment under**Group A**. Please note that in order to achieve a suitable Skills Assessment Outcome, a suitable assessment for both qualifications and employment is required.

Pathway 1

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree and in a field highly relevant to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **one** year of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Qualification

AQF Bachelor degree or higher degree. This includes qualifications assessed at AQF Bachelor, Master and Doctoral level.

Highly relevant major fields of study include:

- Geology
- Applied Geology
- Geophysics
- Earth Sciences
- Sedimentology
- Petrology
- Environmental Geoscience

Employment

Highly relevant tasks include, but are not limited to:

- Interpreting remote sensing data to identify geological formations and anomalous areas for prospective exploration.
- Examining and analysing geological specimens, rock cores, cuttings and samples using optical, chemical, electronic and mechanical techniques.
- Determining the economic viability of extracting mineral resources in cooperation with other professionals and the possible impact on the geological environment of development proposals.
- Determining the environmental impact of resource extraction proposals.
- Interpreting research data from laboratory studies or exploration and preparing geological reports and maps.
- Preparing or supervising the preparation of laboratory reports and scientific papers.
- Supervising the work of technical officers, technicians and survey hands.

Employment Information

Geology is the study of the Earth, including its history and composition, and of the dynamic systems that shape the Earth's surface. The types of industry a Geologist might be found in include mining, oil and gas exploration, civil engineering, city planning and construction, among others.

Marine Geologist

This is a subset of geologists who study the processes (such as plate tectonics, volcanic activity, and earthquakes) of the land form that is underneath the ocean.

Palaeontologist

A paleontologist is a scientist who studies the history of life on Earth through the fossil record.

Supporting material for assessment

When applying for a Skills Assessment, please ensure you submit sufficient evidence supporting your proof of identity, qualification and employment claims. A full list of the documents required can be found on the VETASSESS website under Eligibility Criteria.

You may provide additional evidence supporting your role, such as a summary brief for grant applications or similar projects, research articles or conference proceedings, laboratory reports, patents and a list of research projects outlining your responsibilities.