

# GUIDELINE 2

## Guidelines for Chartered Professional (Geology)

### 1. Introduction

This document provides the criteria that will be used in assessing applicants for Chartered Professional accreditation in the general area of practice of Geology.

A geologist is a professional who studies, investigates or explores the earth's crust to find mineral resources (including hydrocarbons) of sufficient quantity and having sufficient content of useful metals or other commodities to warrant their extraction; or controls and monitors the geological aspects of subsequent mining and extracting operations; or determines those structural characteristics of the earth's crust that may affect the design, safety or practicability of excavations (either on the surface or underground) required for mining operations or civil engineering excavations.

### 2. Criteria for Eligibility for Registration as a Chartered Professional in the Geology Discipline

- Geology must be the applicant's main technical discipline and only in exceptional circumstances would the applicant not have qualifications in geology, which are, were or would be sufficient to allow admission to Corporate Membership of The AusIMM.
- the applicant will have accumulated five years of technical experience in any one (or five years in each, if in more than one) of such specialist areas of geological practice as those listed in Section 3 below, or
- the applicant's technical experience will have been generalist in nature, extending over at least five years and covering a representative selection of the main facets of exploration and mine-related geology.

Applicants will be required to certify that on gaining CP accreditation, they will maintain a satisfactory level of relevant professional development (PD). Except in specific extraordinary circumstances, they will be required to certify also that they have maintained a satisfactory level of relevant PD during the three years prior to their application for CP.

### 3. Areas of Practice

The following areas of practice are offered as examples of the type and consistency of experience that is generally required for registration as a Chartered Professional (Geology). The list is neither exhaustive nor comprehensive and applications will be considered for areas of practice outside those listed below.

#### *Exploration strategy*

- A specialist in the strategic aspects of exploration, who advises on corporate philosophies, objectives and general implementation
- usually a person with extensive experience at the exploration executive level.

#### *Exploration planning and management*

- A specialist who advises on and/or who undertakes the planning and management of exploration programs
- usually a person who deals with the 'hands-on' rather than the strategic aspects of exploration.

#### *Exploration property appraisal*

- A specialist in the technical assessment and evaluation of exploration properties, and/or
- a person with sufficiently broad and relevant experience to qualify as the author of a Technical Report, as defined in the VALMIN Code (1998) (as modified from time to time), on an exploration property.

Note: This Index Category does not cover the economic valuation of exploration properties.

#### *Geochemistry*

- A specialist in the planning, design, implementation and assessment of geochemical exploration programs, and/ or
- a specialist in the theory of geochemistry and its application to mineral exploration.

#### *Geophysics*

- A specialist in the planning, design, implementation and assessment of geophysical exploration programs, and/ or
- a specialist in the theory of geophysics and its application to mineral exploration.

#### *Photogeology and remote sensing*

- A specialist in the geological interpretation of aerial photographs and/or of satellite images, and/or
- a specialist in the theoretical aspects of photogeology and remote sensing and their application to mineral exploration.

#### *Resource/Reserve estimation (including geostatistics)*

- A specialist who advises on, and/or who undertakes, the preparation of Mineral Resource estimates; and/or
- a geologist who is sufficiently experienced to contribute to, or in restricted circumstances to undertake, the preparation of Ore Reserve estimates; and/or
- a geostatistician who specialises in Resource/Reserve estimation.

#### *Mining geology/grade control*

- A specialist who advises on geological aspects of existing or planned mining operations; and/or
- a specialist in the field of mine grade control.

#### *Structural geology*

- A specialist who advises on, or who undertakes, structural geological studies related to the exploration for, and/or mining of, mineral deposits.

### *Mineralogical services*

- A specialist in petrology and/or mineralogy as it relates to the exploration for, and/or mining of, mineral deposits; and/or
- a specialist who provides petrological and/or mineralogical services.

### *Safety, health and risk*

Implementation of workplace health and safety systems that provide for:

- hazard identification
- risk assessment
- implementation of controls
- effective monitoring
- comprehensive review.

This should be undertaken with reference to appropriate codes and guidelines. Samples of these are provided in Appendix 1.

## **4. The Application and Assessment Process**

### *4.1 Required documents*

To apply for accreditation as a Chartered Professional (Geology), you must submit all of the following:

- a. the prescribed application form
- b. a detailed curriculum vitae (CV) providing clear evidence that you have worked competently in the general area of practice and in the Index Category or Categories applied for, and showing that you meet the requirements described in this Guideline
- c. evidence that over the last three years you have fulfilled the PD requirements, as detailed in the PD Guideline
- d. the names of three Chartered Professional sponsors, or professionals of comparable standing in accordance with By-law 7.3, who are familiar with your qualifications and experience (at least one of whom should be a Chartered Professional [Geology]) and can substantiate your CV, only one of which can be from your current employer and you must:
- e. sign a declaration that all the information you submit is a true and fair representation of your recent responsibilities
- f. furnish any other information the Board may request from you
- g. sign a declaration that all the information you submit is a true and fair representation of your qualifications and experience
- h. sign a declaration of adherence to The AusIMM Code of Ethics
- i. sign a declaration that you will adhere to the PD program
- j. pay the required application fee, if applicable.

### *4.2 Assessment*

Your CV and PD records will be analysed for evidence that you meet the requirements for this accreditation. Each of your sponsors will be required to submit a confidential report to the Board of Chartered Professionals. You may be invited by the Board to attend an interview in support of your application.