
Mining — Vocabulary —
Part 2:
Geology

Exploitation minière — Vocabulaire —
Partie 2: Géologie

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 82, *Mining*.

A list of all parts in the ISO 22932 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The ISO 22932 series has been prepared in order to standardize and to co-ordinate the global use of technical terms in mining, for the benefice of the experts working on different types of mining activities.

The need for the ISO 22932 series arose from the widely varying interpretation of terms used within the industry and the prevalent use of more than one synonym.

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Mining — Vocabulary —

Part 2: Geology

1 Scope

This document specifies the geologic terms commonly used in mining. Only those terms that have a specific meaning in this field are included.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <http://www.electropedia.org/>

3.1 General terms

3.1.1

bedrock

solid rock underlying *superficial deposits* (3.4.3.16)

Note 1 to entry: See also *saddle reef* (3.13.11).

[SOURCE: BS 3618-5:1971]

3.1.2

economic geology

study and analysis of *formations* (3.7.22) and materials that can be useful or profitable to man

Note 1 to entry: These materials can be fuels, metallic *minerals* (3.13.4), nonmetallic *minerals* (3.13.4), water and geothermal resources.

Note 2 to entry: For additional terms related to economic geology, see 3.13.

3.1.3

geochemistry

study of the relative and absolute abundances of the elements and their nuclides (isotopes) in the Earth, including the distribution and migration of the individual elements or suites of elements in the various envelopes of the Earth

Note 1 to entry: The envelopes of the Earth are the atmosphere, the hydrosphere, the lithosphere, etc.

Note 2 to entry: For additional terms related to geochemistry, see 3.9.

[SOURCE: Dictionary of Mining, Mineral and Related Terms, U.S. Bureau of Mines, 1996, modified - Note 2 to entry added.]