

(PREVIEW)

IS 7422 (Part 5) : 1992

Indian Standard

SYMBOLS AND ABBREVIATIONS FOR USE IN GEOLOGICAL MAPS, SECTIONS AND SUB – SURFACE EXPLORATORY LOGS

PART 5 LINE SYMBOLS FOR FORMATION CONTACTS AND STRUCTURAL FEATURES

1 SCOPE

1.1 The symbols covered in this standard are:

- a) Line symbols for formation contacts and other structural features,
- b) Symbols for surface openings and exploration,
- c) Symbols for underground working and exploration, and
- d) Other miscellaneous symbols.

FOREWORD

This Indian Standard (Part 5) was adopted by the Bureau of Indian Standards, after the draft finalized by the Geological Investigation and Sub-Surface Exploration Sectional Committee had been approved by the River Valley Division Council.

In all spheres of engineering construction, data on the nature of geological formation, constituting the foundations is indispensable. Often, the data are given on maps or in geological sections using symbols and abbreviations. Geological maps and sections are also required for other activities such as mining and mineral prospecting. Such maps and sections are being prepared by various agencies in the country. [In the absence of any standard for the guidance of the engineering geologist or engineer different symbols and abbreviations are being used by different agencies, resulting in entirely different representations of the same geological data. The data collected and presented by one agency for a particular purpose is often useful for other agencies investigating for a different job. It, therefore, becomes essential for all agencies to follow the same practice. This standard has been prepared to fulfil this need.

This standard (Part 5) deals with line symbols for formation contacts and structural features while other parts deal with the following:

- Part 1 Abbreviations
- Part 2 Igneous Rocks
- Part 3 Sedimentary Rocks
- Part 4 Metamorphic Rocks