

## INSTRUCTIONS FOR AUTHORS

Articles may be written in English or French. General style and spelling should conform to the usage in current issues of the journal. Manuscripts from residents or non-residents of Canada, on subjects of general interest in crystallography, geochemistry, mineralogy, petrology, and mineral deposits, as well as reports of specialized research in these fields, will be considered for publication. All manuscripts are subject to review by one or more scientists, competent in the subject.

Publication of accepted articles will be facilitated if manuscripts and illustrations are checked carefully before they are submitted. Authors will be charged for unnecessary deviations from the usual format and for changes in the proof that are considered excessive or unnecessary.

### GENERAL

- (1) Manuscripts should be typewritten, double-spaced, on 8½ by 11 in. paper. The original and two copies are required.
- (2) The first line of the first sheet of the manuscript should have the title, the second line the authors' names, and the third line the institution or institutions from which the article is a contribution (with city and province or state). The second page should contain the abstract, and the third page, the start of the main text.
- (3) References, tables, and legends for illustrations should be typed on separate sheets, double-spaced, and placed after the text.
- (4) Each sheet of the manuscript should be numbered.
- (5) Illustrations, line drawings and photographs (singly) should be numbered consecutively from 1 up, in Arabic numerals, in the order to which they are referred in the text.

For line drawings either three sets of good photographic copies, or the original drawings plus two sets of copies, are required. Line drawings should be designed and drawn with line-width and size of lettering suitable for reduction to either single-column or double-column width.

Glossy prints of photographs should be submitted in triplicate. When photographs are grouped, one set should be mounted in an arrangement suitable for reduction to the width of a single column (2¾ in.) or full page (5½ in.) no more than 8¼ in. long after reduction. The other sets should not be mounted.

- (6) The authors' names, title of the paper, and figure number should be written in the lower left-hand corner of the sheets on which the illustrations appear.
- (7) Equations and formulae should be set up clearly and simply. Superscripts and subscripts must be legible and carefully placed; unusual and Greek characters should be identified clearly. Numbers referring to equations should be in parentheses and placed flush with the right-hand margin of the text. The metric system must be used wherever possible.

**ABSTRACT** — An abstract of not more than about 200 words, indicating the scope of the work and the principal findings, is required, except in shorter communications.

**REFERENCES** — References should be listed alphabetically by authors' names, unnumbered, and in the form used in current issues of this journal. In references to papers in periodicals, the authors' names should be followed by the year of publication, title or article, name of journal, volume, and initial and final page numbers. All citations should be checked with the original articles and each one referred to in the text by the authors' names and the year of publication. Where the citation in the text contains more than two authors, the first should be used and followed by *et al.*, as for example, Smith *et al.* (1968).

**TABLES** — Tables should be numbered in Arabic numerals and each table referred to in the text. Titles should always be given but should be brief; column headings should be brief and descriptive matter in the table confined to a minimum. Numerous small tables should be avoided.

Structure factor tables will be published provided they are not of unusual length, and provided that the author supplies the data in a *compact* form, in appropriate format suitable for clear reproduction. Glossy photographic reductions are preferred. Tables requiring more than one journal page must be arranged so that maximum use is made of the space available.

Tables of unusual length, or of a quality unsuitable for journal reproduction, will be submitted by the editors to: Depository of Unpublished Data, National Science Library, National Research Council of Canada, Ottawa, Ontario, Canada. Note of such deposition should be made in the text of the manuscript. Authors are encouraged to use the depository wherever possible.

Ordinary tables should be prepared with an electric typewriter using **LETTER GOTHIC** type. Material for single-column reduction should be spaced to a width of 5½ inches (14 cm); for double-column reproduction, widths of up to 12 inches (30 cm) are permissible. A recent issue of the journal should be consulted for the exact format. The original, typed tables must be submitted with the manuscript.

**LINE DRAWINGS** — Drawings should be carefully made with India ink on white drawing paper, blue tracing linen, or coordinate paper ruled in blue only; any coordinate lines that are to appear in the reproduction should be ruled in black ink. Paper ruled in green, yellow, or red should not be used. All lines must be of sufficient thickness to reproduce well. Decimal points, periods, and stippled dots must be solid black circles large enough to be reduced if necessary. Letters and numerals should be made neatly, and be of such size that the smallest lettering will be not less than 1 mm high when the figure is reduced to a suitable size. Many drawings are made too large; originals should not be more than 2 or 3 times the size of the desired reproduction. Wherever possible, two or more drawings should be grouped to reduce the number of cuts required. In such groups of drawings, full use of the space available should be made; the ratio of height to width should conform to that of a journal page (8¼ in. × 5½ in. or single column 8¼ in. × 2¾ in.) but allowance must be made for the captions. If large drawings are made, glossy photographic prints (8 by 10 in. or less) are acceptable, convenient, and facilitate handling the manuscript prior to printing.

**PHOTOGRAPHS** — Prints should be made on glossy paper, with strong contrasts. They should be trimmed, so that essential features only are shown, and mounted carefully, with rubber cement, on white cardboard. To reduce the number of cuts required, two or more photographs should be mounted together with not more than ¼ in. between them.

**PAGE CHARGES AND REPRINTS** — No page charges are assessed, and reprints are supplied at printer's cost. A reprint order form accompanies the galley proofs sent to authors.