



Reviews in Mineralogy and Geochemistry

GUIDE FOR EDITORS AND AUTHORS

2021



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Font style & size

For the TABLES, please use Times or Times New Roman font or one like it. For FIGURES, use a simple sans serif font (no smaller than 10 point), such as Arial. Use Symbol font for GREEK LETTERS and SYMBOLS as much as possible--**NOT** the special characters from the “insert special character” box unless there is no other option.

Spacing and indents

Please indent the first line of each new paragraph. Single space the text throughout the document.

Title, headings, and subheadings. Please use the following style.

Tables Prepare each table in Microsoft Word or Excel with its proper (and informative) heading in place (see example below). Do not use font sizes smaller than 11 point.

Pyroxenes	<i>Title</i>
James. A. Author and Carol C. Coauthor	<i>Author List</i>
<i>Department of Scientific Studies</i>	<i>Address</i>
<i>State University</i>	
<i>City, State 12345-6789, U.S.A.</i>	
j.author@SU.edu ; CC.Coauthor@SU.edu	<i>Email addresses</i>
ROCK-FORMING PYROXENES	<i>1st order</i>
Assemblages of natural pyroxenes [no period, no caps]	<i>2nd order</i>
<i>Subsolidus assemblages.</i> (An indented, italicized, bold heading is the form for a third-order heading and that the text should follow after it exactly as this text does.)	<i>3rd order</i>

Table 23. The composition of hot chocolate.

[center heading, using 11-pt font]

Constituent	Weight %
Milk	xx
Cocoa	yy
Sugar	zz

Do not use too open a format. Maximum dimensions (including headings) are 6" (152 mm) by 9.5" (241 mm). Tables can be in portrait or landscape layout.

A Table cannot have infinite columns. It has to fit either portrait or landscape on the printed page. Split your table into manageable pieces if it is too big to fit on a single page. Look at some recent examples of large tables: <http://ring.geoscienceworld.org/content/gsrmg/81/1/107.full.pdf>; <http://ring.geoscienceworld.org/content/gsrmg/81/1/239.full.pdf>.

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MathType or the Equation Editor in MS Word can be used to create your equations. **Files with equations not in this format may be returned.** No TeX and no images!

Use Equation (yy) and (Eqn. yy) when referring to equations in the text.

A simple equation may be incorporated into the text, but if it will be referred to again, it is best to type it on a separate line with its number in parentheses, right justified (use tab stop), on the same line. Example:

$$\sum t_{1z} = 6.589[T_{1z} - O] - 1.605 \quad (32)$$

Use the following style in both the equation and surrounding text:

NUMBERS, FUNCTIONS, and CONSTANTS are roman (not italic, not bold)

SCALAR VARIABLES are *italicized*

VECTORS and MATRICES are **bold faced**

Abbreviations and symbols should be as below. There is a space between all numbers and units:

Common abbreviations (note **Roman type**)

cf. = compare
 e.g. = for example
 et al. = and others
 etc. = and other things
 i.e. = that is
 p. = page(s)
 vs. = versus

Length (*l*)

m = meter(s)
 cm = centimeter(s) (1 cm = 10⁻² m)
 mm = millimeter(s) (1 mm = 10⁻³ m)
 μm = micrometer(s) (1 μm = 10⁻⁶ m) NOT micron or μ
 nm = nanometer(s) (1 nm = 10⁻⁹ m)
 Å = angstrom(s) (1 Å = 10⁻¹⁰ m)
 pm = picometer(s) (1 pm = 10⁻¹² m)

Mass (*m*)

g = gram(s)
 kg = kilogram(s)
 mg = milligram(s)
 μg = microgram(s)

Volume (*V*)

L = liter(s)
 mL = milliliter(s)
 cm³ = cubic centimeter(s)
 Å³ = cubic angstrom(s)

Pressure (*P*)

Pa = pascal(s)
 kPa = kilopascal(s)
 MPa = megapascal(s)
 GPa = gigapascal(s)
 bar or bars (no abbreviation)
 kbar = kilobar(s)
 atm = atmosphere(s)

Temperature (*T*)

K = Kelvin(s)
 °C = degrees Celsius [space before degree sign. c.f. angles where there is no space between digit and degree sign]

Energy:

J = joule(s)
 kJ = kilojoule(s) (preferred)
 cal = calorie(s)
 kcal = kilocalorie(s)

Density (*D* or ρ)

g/cm³ = gram(s) per cubic centimeter

Concentration (use square brackets [] around chemical

symbol, e.g., [Ca⁻²])
 % = percent [no space prior]
 ‰ = per thousand [no space prior]
 wt% = weight percent
 mol% = mole percent
 vol% = volume percent
M = molar concentration (mol/L)
m = molal concentration (mol/kg)
 ppm = parts per million
 ppb = parts per billion

Time (*t*)

s = second(s)
 min = minute(s)
 h = hour(s)
 d = day(s)
 yr = year(s)
 Ma = million years
 Ga = billion years (ago or date)
 m.y. = million years
 b.y. = billion years (duration)

Frequency (*f* or ν)

Hz = hertz
 kHz = kilohertz
 MHz = megahertz

Miller indices--note that letter symbols are italicized but numeric values are not, e.g., [*hkl*] but [100]

hkl = diffraction symbol
 (*hkl*) = face symbol
 {*hkl*} = form symbol
 [*hkl*] = edge or zone symbol

Unit-cell measurements:

a, *b*, *c* = edge lengths
 α, β, γ = angles
a, **b**, **c** = vectors--note boldface

Optical measurements:

dispersion (*r*, *v*),
 optic axial angle (2*V*, 2*V*_x, 2*V*_z);
 principal vibration directions (*E*, *O*; *X*, *Y*, *Z*);
 refractive indices (*n*; ε, ω; α, β, γ)

REFERENCES

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Journal:

Hawthorne FC, Oberti R (2007) Classification of the amphiboles. Rev Mineral Geochem 67:55-88

Journal using doi's:

Meier R, Anderson J, Verryin S (2012) Industrial X-ray diffraction analysis of building materials. Rev Mineral Geochem 74:147-165, doi: 10.2138/rmg.2012.74.4

Article published only on WWW:

Barrick RE, Showers WJ (1999) Thermophysiology and biology of *Giganotosaurus*; comparison with *Tyrannosaurus*. Palaeontologia Electronica, http://www.palaeo-electronica.org/1999_2/gigan/issue2_99.htm

Book:

Tossell JA, Vaughn DJ (1992) Theoretical Geochemistry: Application of Quantum Mechanics in the Earth and Mineral Sciences. Oxford University Press, New York

Article in Book:

Keil K (1969) Meteorite composition. *In*: Handbook of Geochemistry. Vol 1. Wedepohl KH (ed) Springer, Berlin, p 78-115

Edited Book:

Schulze DG, Stuiicki JW, Bertsch PM (eds) (1999) Synchrotron X-ray Methods in Clay Science. The Clay Minerals Society, Boulder Colorado

Conference Proceedings or Abstract:

Rosso KM, Bylaska EJ, Rustad JR (1999) The energetics of cation exchange in muscovite mica. EOS Trans, Am Geophys Union 80:F1108

Dissertation/Thesis:

Bartelmehs KL (1993) Modeling the properties of silicates. PhD Dissertation, Virginia Polytechnic Institute & State University, Blacksburg, Virginia

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