### Geoscience Canada



### **Erratum**

## J. Brendan Murphy

Volume 34, Number 1, March 2007

URI: https://id.erudit.org/iderudit/geocan34\_1er01

See table of contents

Publisher(s)

The Geological Association of Canada

ISSN

0315-0941 (print) 1911-4850 (digital)

Explore this journal

Cite this document

Murphy, J. B. (2007). Erratum. Geoscience Canada, 34(1), 36-36.

All rights reserved  ${\rm @}$  The Geological Association of Canada, 2007

This document is protected by copyright law. Use of the services of Érudit (including reproduction) is subject to its terms and conditions, which can be viewed online.

https://apropos.erudit.org/en/users/policy-on-use/



#### This article is disseminated and preserved by Érudit.

Érudit is a non-profit inter-university consortium of the Université de Montréal, Université Laval, and the Université du Québec à Montréal. Its mission is to promote and disseminate research.

https://www.erudit.org/en/

## **ERRATUM**

Murphy (2006) mistakenly reported that, "An eruption in the vicinity of Lake Taupo, New Zealand in 1881, is estimated to have ejected between 30 – 50 km<sup>3</sup> of debris in just a few minutes".

This statement confuses the two separate eruptions of the Taupo Volcanic Zone:

- (1) the 1886 eruption of Mt. Tarawera (in the vicinity of Lake Rotorua), that ejected about 2 km<sup>3</sup> of debris (White et al. 1997) in "only 4 hr" (Cole 1970), and
- (2) the 200 BC eruption of a vent or vents now submerged beneath Lake Taupo which ejected 30 to 100 km<sup>3</sup> (Houghton et al. 1995) of debris and lasted between several days and several weeks (Wilson and Walker 1985).

### **ACKNOWLEDGEMENT**

The author and editors thank Raymond Goldie, author of the book: *Inco Comes to Labrador*, for pointing out this error.

#### **REFERENCES**

- Cole, J.W., 1970, Structure and eruptive history of the Tarawera volcanic complex: New Zealand Journal of Geology and Geophysics, v. 13, p. 879-902.
- Houghton, B.F., Wilson, C.J.N., McWilliams, M.O., Lanphere, M.A., Weaver, S.D., Briggs, R.M. and Pringle, M.S., 1995, Chronology and dynamics of a large silicic magmatic system; central Taupo volcanic zone, New Zealand: Geology, v. 23, p. 13-
- Murphy, J.B., 2006, Igneous Rock Associations 7. Arc Magmatism I: Relation-

- ships between subduction and magma genesis: Geoscience Canada, v. 33, no. 4, p. 145-167.
- White, J.D.L., Houghton, B.F., Hodgson, K.A. and Wilson, C.J.N., 1997, Delayed sedimentary response to the A.D. 1886 eruption of Tarawera, New Zealand: Geology, v. 25, p. 459-462.
- Wilson, C.J.N. and Walker, G.P.L., 1985, The Taupo eruption, New Zealand I. General aspects: Philosophical Transactions of the Royal Society of London, series A, v. 314, no. 1529, p. 199-228.

# Previous papers in the Igneous Rock Associations series edited by Georgia Pe-Piper

- Styles and Mechanisms of Caldera Collapse, by Kennedy & Stix (V.30 no.2, pages 59-72)
- Stages in the Temporal Evolution of Calderas, by Kennedy & Stix (V.30 no.3, pages 129-140)
- Large Igneous Provinces (LIPs) in Canada and Adjacent 'Regions: 3 Ga to Present, by Ernst & Buchan (V.31 no.3, pages 103-126)
- Ocean Island Volcanism 1: Mineralogy and Petrology, by Greenough, Dostal and Mallory-Greenough (V 32 no.1, pages 29-45)
- Ocean Island Volcanism 2: Mantle Processes, by Greenough, Dostal and Mallory-Greenough (V.32 no.2, pages 77-90)
- *Modeling of deep submarine pyroclastic volcanism: a review and new results,* by Downey & Lentz (V.33 no.1, pages 5-24)
- Arc Magmatism I: 'Relationship Between Plate subduction and Magma Genesis, by Murphy (V.33 no.4, pages 145-167)
- Arc Magmatism II: Geochemical and Isotopic Characteristics, by Murphy (V.34 no.1, pages 7-35