

Online Resource 1

Contributions to Mineralogy and Petrology

Temporal evolution of a post-caldera, mildly peralkaline magmatic system: Furnas volcano, São Miguel, Azores

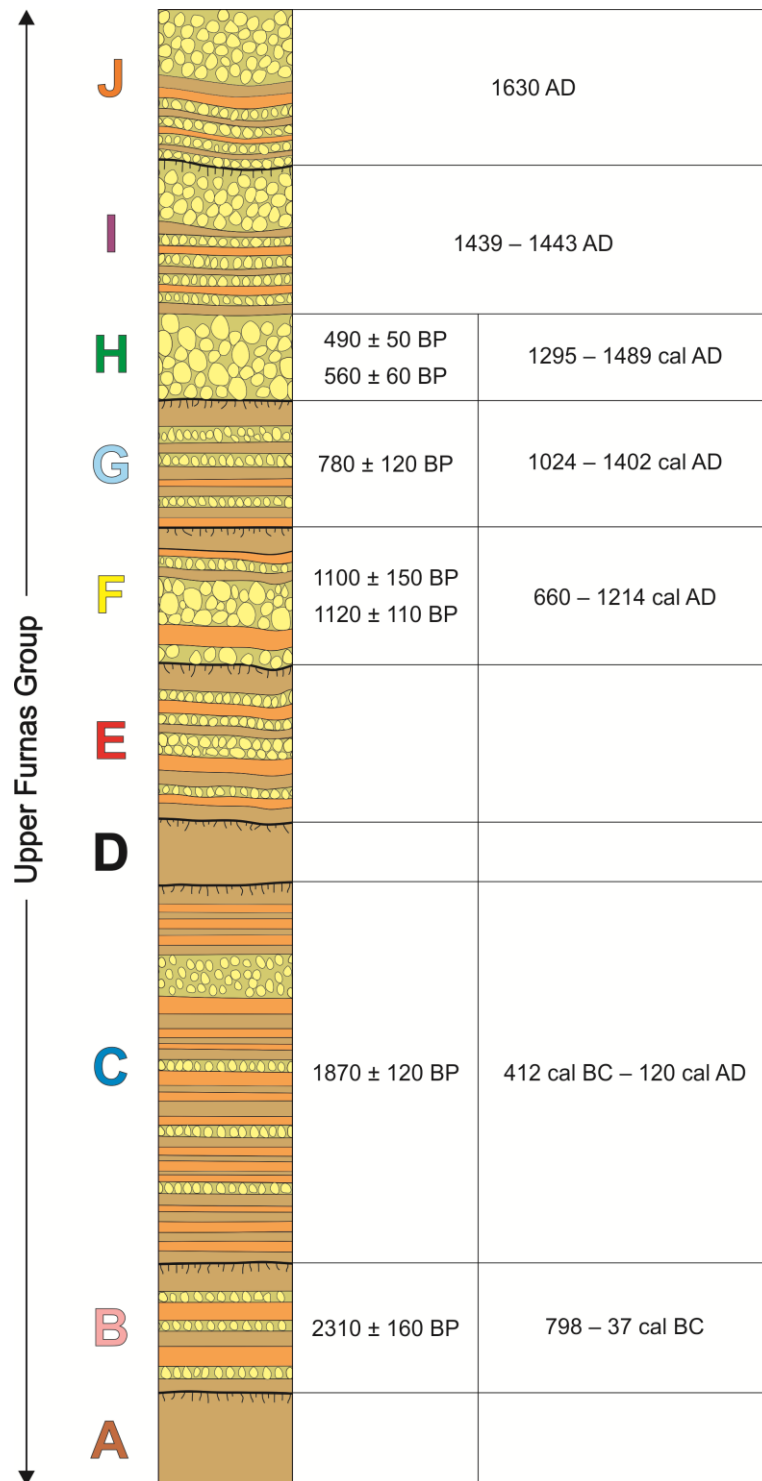
A. J. Jeffery^{a*}, R. Gertisser^a, B. O'Driscoll^b, J. M. Pacheco^c, S. Whitley^a, A. Pimentel^{d, c}, S. Self^e

- a)** *School of Physical and Geographical Sciences, Keele University, Keele, Staffordshire, ST5 5BG, United Kingdom*
- b)** *School of Earth, Atmospheric, and Environmental Sciences, The University of Manchester, Manchester, M13 9PL, United Kingdom*
- c)** *Centro de Vulcanologia e Avaliação de Riscos Geológicos, University of the Azores, 9501-801 Ponta Delgada, Azores, Portugal*
- d)** *Centro de Informação e Vigilância Sismovulcânica dos Açores, 9501-801 Ponta Delgada, Azores, Portugal*
- e)** *Department of Earth and Planetary Science, University of California, Berkeley, CA 94720, U.S.A.*

* Corresponding author:

Tel. +44 (0) 1782 733620

E-mail a.j.jeffery@keele.ac.uk



Schematic stratigraphy of the Upper Furnas Group (UFG), after Guest et al. (1999). Uncalibrated radiocarbon ages were taken from Moore and Rubin (1991) and Guest et al. (1999), and converted into calibrated 2 sigma age ranges using Calib 7.1 (Stuiver et al. 2010) and the IntCal13 calibration dataset (Reimer et al. 2013)

References:

Guest JE, Gaspar JL, Cole PD, Queiroz G, Duncan AM, Wallenstein N, Ferreira T, Pacheco JM (1999) Volcanic geology of Furnas volcano, São Miguel, Azores. *J Volcanol Geotherm Res*, 92: 1-29

Moore RB, Rubin M (1991) Radiocarbon dates for lava flows and pyroclastic deposits on São Miguel, Azores. *Radiocarbon*, 33: 151-164

Reimer PJ, Bard E, Bayliss A, Beck JW, Blackwell PG, Bronk Ramsey C, Buck CE, Cheng H, Edwards RL, Friedrich M (2013) IntCal13 and Marine13 radiocarbon age calibration curves 0-50,000 years cal BP. *Radiocarbon*, 55: 1869-1887

Stuiver M, Reimer PJ, Reimer R (2010-last update) CALIB 5.0. 2 [WWW program and documentation]. Available: <http://radiocarbon.pa.qub.ac.uk/calib/> [4/25, 2015]