
Andrew R. Greene
Dept. of Natural Sciences, Hawai‘i Pacific University, Kāne‘ohe, HI, 96744 USA

Michael O. Garcia
Dept. of Geology and Geophysics, University of Hawai‘i, Honolulu, HI, 96822 USA

Aaron J. Pietruszka
Dept. of Geological Sciences, San Diego State University, San Diego, CA, 92182 USA

Dominique Weis
Pacific Centre for Isotopic and Geochemical Research, Dept. of Earth and Ocean Sciences, University of British Columbia, Vancouver, BC, V6T 1Z4 Canada

Jared P. Marske
Dept. of Terrestrial Magnetism, Carnegie Institution, Washington, D.C., 20015 USA

Michael J. Vollinger
Ronald B. Gilmore XRF Lab, Dept. of Geosciences, University of Massachusetts, Amherst, MA, 01003 USA

John Eiler
Planetary and Geological Sciences Institute, California Institute of Technology, Pasadena, CA, 91125 USA

Five supplementary files include descriptions of analytical methods, a full table of XRF major and trace element data, a full table of ICP-MS trace element data, a summary of XRF trace element values of USGS standards analyzed with Pu‘u ʻŌ‘ō lavas since 2002, and a list of references for data used in figures 11 and 12. The tables are Microsoft Excel data files. The name and contents of individual files are listed below.

2013G3Greene-methods
Sample Preparation and Analytical Methods

2013G3Greene-ts1-XRF_major_trace_elements
XRF Major Element (wt% oxide) and Trace Element (ppm) Abundances in Lavas from Kīlauea’s Pu‘u ʻŌ‘ō Eruption (1983-2010)

2013G3Greene-ts2-ICP-MS_trace_elements
ICP-MS Trace Element (ppm) Abundances in Lavas from Kīlauea’s Pu‘u ʻŌ‘ō Eruption (1983-2010)

2013G3Greene-ts3-XRF_trace_USGS-standards
Summary of XRF Trace Element Values of USGS Standards Analyzed with Lavas from Kīlauea’s Pu‘u ʻŌ‘ō Eruption Since 2002

2013G3Greene-references-figs11-12
List of References for Data Used in Figures 11 and 12