

Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 11, Number 2 • April 2015

ABOUT THE COVER:

Thousand Island Lake with Banner Peak of the Minarets in the background (Sierra Nevada, California, USA). The Minarets consist of the tilted 100–95 Ma Minarets caldera-collapse deposit unconformably overlying steeply dipping 250–200 Ma and 200–145 Ma metavolcanic units. Light-colored rocks near the lake are 93 Ma granitic plutons intruding the older volcanic rocks. Although the volcanic units in the photo are spectacular, they represent only a small near-surface exposure of these enormous magmatic systems, with at least 30 times more plutonic material below the surface.

PHOTO CREDIT: VALI MEMETI

Elements is published jointly by the Mineralogical Society of America, the Mineralogical Society of Great Britain and Ireland, the Mineralogical Association of Canada, the Geochemical Society, The Clay Minerals Society, the European Association of Geochemistry, the International Association of GeoChemistry, the Société Française de Minéralogie et de Cristallographie, the Association of Applied Geochemists, the Deutsche Mineralogische Gesellschaft, the Società Italiana di Mineralogia e Petrologia, the International Association of Geoanalysts, the Polskie Towarzystwo Mineralogiczne (Mineralogical Society of Poland), the Sociedad Española de Mineralogía, the Swiss Society of Mineralogy and Petrology, the Meteoritical Society, and the Japan Association of Mineralogical Sciences. It is provided as a benefit to members of these societies.

Elements is published six times a year. Individuals are encouraged to join any one of the participating societies to receive *Elements*. Institutional subscribers to any of the following journals—*American Mineralogist*, *Clay Minerals*, *Clays and Clay Minerals*, *Mineralogical Magazine*, and *The Canadian Mineralogist*—also receive one copy of *Elements* as part of their 2015 subscription. Institutional subscriptions are available for US\$160 (US\$175 non-US addresses) a year in 2015. Contact the executive editor (jrosso.elements@gmail.com) for information.

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Publications mail agreement no. 40037944
Printed in USA

ISSN 1811-5209 (print)
ISSN 1811-5217 (online)

www.elementsmagazine.org
www.elements.geoscienceworld.org

GeoScienceWorld
Participating Publisher



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