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Editor: **G. E. M. Hall**, Geological Survey of Canada, Ottawa, Canada (e-mail: GHall@NRCan.gc.ca)

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Cover illustration: Miocene white quartz gravels at the foot of Mount St. Bathans in central Otago, New Zealand that were exposed during placer gold mining operations in the late 1800s. When placer mining ceased in the 1930s, the man-made depression was allowed to fill in and Blue Lake was formed. Credit: Beth McClenaghan.