

Accepted Manuscript

Contribution of Columbia and Gondwana Supercontinent assembly- and growth-related magmatism in the evolution of the Meghalaya Plateau and the Mikir Hills, Northeast India: Constraints from U-Pb SHRIMP zircon geochronology and geochemistry

Santosh Kumar, Vikoleno Rino, Yasutaka Hayasaka, Kosuke Kimura, Shunmugam Raju, Kentaro Terada, Manjari Pathak

PII: S0024-4937(16)30360-7
DOI: doi:[10.1016/j.lithos.2016.10.020](https://doi.org/10.1016/j.lithos.2016.10.020)
Reference: LITHOS 4118

To appear in: *LITHOS*

Received date: 3 February 2016
Revised date: 10 October 2016
Accepted date: 18 October 2016



Please cite this article as: Kumar, Santosh, Rino, Vikoleno, Hayasaka, Yasutaka, Kimura, Kosuke, Raju, Shunmugam, Terada, Kentaro, Pathak, Manjari, Contribution of Columbia and Gondwana Supercontinent assembly- and growth-related magmatism in the evolution of the Meghalaya Plateau and the Mikir Hills, Northeast India: Constraints from U-Pb SHRIMP zircon geochronology and geochemistry, *LITHOS* (2016), doi:[10.1016/j.lithos.2016.10.020](https://doi.org/10.1016/j.lithos.2016.10.020)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Contribution of Columbia and Gondwana Supercontinent assembly- and growth-related magmatism in the evolution of the Meghalaya Plateau and the Mikir Hills, Northeast India: Constraints from U-Pb SHRIMP zircon geochronology and geochemistry

Santosh Kumar^{1*}, Vikoleno Rino², Yasutaka Hayasaka³, Kosuke Kimura⁴, Shunmugam Raju⁵, Kentaro Terada⁶, Manjari Pathak⁷

¹Department of Geology, Centre of Advanced Study, Kumaun University, Nainital 263002, India (skyadavan@yahoo.com)

²Department of Geology, Nagaland University, Kohima, India (vikoleno_rino@yahoo.co.in)

³Department of Earth and Planetary Systems Science, Hiroshima University, Higashi-Hiroshima, Japan (hayasaka@hiroshima-u.ac.jp)

⁴Department of Earth and Planetary Systems Science, Hiroshima University, Higashi-Hiroshima, Japan (kimurakoske@hiroshima-u.ac.jp)

⁵Geological Survey of India, Chennai, India (sraju17051963@gmail.com)

⁶Department of Earth and Space Science, Osaka University, Osaka 565-0871, Japan (terada@ess.sci.osaka-u.ac.jp)

⁷Department of Geology, Centre of Advanced Study, Kumaun University, Nainital 263002, India (pathakmanjari11@gmail.com)

^{1*}Corresponding author: Santosh Kumar, Department of Geology, Centre of Advanced Study, Kumaun University, Nainital 263002, India (skyadavan@yahoo.com)

Download English Version:

<https://daneshyari.com/en/article/5784097>

Download Persian Version:

<https://daneshyari.com/article/5784097>

[Daneshyari.com](https://daneshyari.com)