

Accepted Manuscript

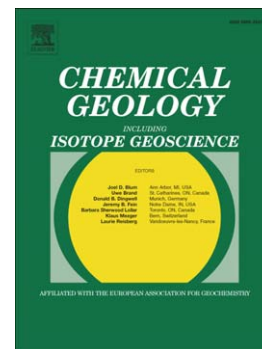
Co-magmatic sulfides and sulfates in the Udachnaya-East pipe (Siberia): A record of the redox state and isotopic composition of sulfur in kimberlites and their mantle sources

Yumi Kitayama, Emilie Thomassot, Ibert Galy, Alexander Golovin, Andrey Korsakov, Elisabeth d'Eyrames, Nelly Assayag, Nordine Bouden, Dmitri Ionov

PII: S0009-2541(16)30592-7
DOI: doi: [10.1016/j.chemgeo.2016.10.037](https://doi.org/10.1016/j.chemgeo.2016.10.037)
Reference: CHEMGE 18130

To appear in: *Chemical Geology*

Received date: 17 June 2016
Revised date: 28 October 2016
Accepted date: 31 October 2016



Please cite this article as: Kitayama, Yumi, Thomassot, Emilie, Galy, Ibert, Golovin, Alexander, Korsakov, Andrey, d'Eyrames, Elisabeth, Assayag, Nelly, Bouden, Nordine, Ionov, Dmitri, Co-magmatic sulfides and sulfates in the Udachnaya-East pipe (Siberia): A record of the redox state and isotopic composition of sulfur in kimberlites and their mantle sources, *Chemical Geology* (2016), doi: [10.1016/j.chemgeo.2016.10.037](https://doi.org/10.1016/j.chemgeo.2016.10.037)

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.

Co-magmatic sulfides and sulfates in the Udachnaya-East pipe (Siberia) : a record of the redox state and isotopic composition of sulfur in kimberlites and their mantle sources

Authors

Yumi Kitayama ^{1*}, Emilie Thomassot ¹, Albert Galy ¹, Alexander Golovin ^{3,4}, Andrey Korsakov ^{3,4}, Elisabeth d'Eyrames ¹, Nelly Assayag ², Nordine Bouden ¹, Dmitri Ionov ⁵

¹ Université de Lorraine, Centre de Recherches Pétrographiques et Géochimiques, 15 Rue Notre Dame des Pauvres, BP 20, 54 501 Vandœuvre-lès-Nancy, France.

² Institut de Physique du Globe de Paris, 1 Rue Jussieu, 75005 Paris, France

³ Sobolev Institute of Geology and Mineralogy, Siberian Branch, Russian Academy of Science, Prosp. Ak. Koptyuga 3, 630090 Novosibirsk, Russia

⁴ Novosibirsk State University, Pirogova st. 2, Novosibirsk 630090, Russian Federation

⁵ Géosciences Montpellier, Université de Montpellier & UMR-CNRS 5243, 34095 Montpellier, France

* corresponding author : Centre de Recherches Pétrographiques et Géochimiques, 15 Rue Notre Dame des Pauvres, BP 20, 54501 Vandœuvre-lès-Nancy, France. Tel: +33 (0)38 359 4880.

E-mail: yumi@crpg.cnrs-nancy.fr

Download English Version:

<https://daneshyari.com/en/article/5782744>

Download Persian Version:

<https://daneshyari.com/article/5782744>

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