

## Accepted Manuscript

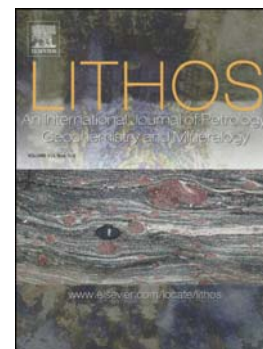
Oxygen isotopes reveal crustal contamination and a large, still partially molten magma chamber in Chaîne des Puys (French Massif Central)

Lydéric France, Mickael Demacon, Andrey A. Gurenko, Danielle Briot

PII: S0024-4937(16)30098-6  
DOI: doi: [10.1016/j.lithos.2016.05.013](https://doi.org/10.1016/j.lithos.2016.05.013)  
Reference: LITHOS 3931

To appear in: *LITHOS*

Received date: 30 October 2015  
Accepted date: 24 May 2016



Please cite this article as: France, Lydéric, Demacon, Mickael, Gurenko, Andrey A., Briot, Danielle, Oxygen isotopes reveal crustal contamination and a large, still partially molten magma chamber in Chaîne des Puys (French Massif Central), *LITHOS* (2016), doi: [10.1016/j.lithos.2016.05.013](https://doi.org/10.1016/j.lithos.2016.05.013)

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.

***Oxygen isotopes reveal crustal contamination and a large, still partially  
molten magma chamber in Chaîne des Puys (French Massif Central)***

Lydéric France<sup>1</sup>, Mickael Demacon<sup>1</sup>, Andrey A. Gurenko<sup>1</sup>, Danielle Briot<sup>2</sup>

**1:** CRPG, UMR 7358, CNRS, Université de Lorraine, Vandœuvre-lès-Nancy, France

**2:** Clermont Université, Université Blaise Pascal; CNRS, UMR 6524; IRD, R 163; Laboratoire Magmas et Volcans,  
Clermont-Ferrand, France

\*Corresponding author: lyde@crpg.cnrs-nancy.fr

*Submitted to Earth and Planetary Science Letters*

**Keywords:**

magma chamber processes; crustal contamination; oxygen isotopes; trachyte; Chaîne des  
Puy; zircons

Download English Version:

<https://daneshyari.com/en/article/6440354>

Download Persian Version:

<https://daneshyari.com/article/6440354>

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