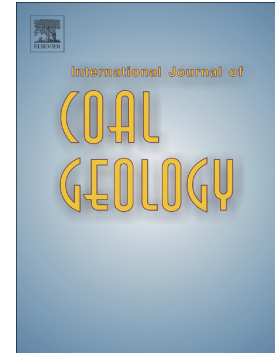


Accepted Manuscript

Rare earth minerals in a “no tonstein” section of the Dean (Fire Clay) coal, Knox County, Kentucky

James C. Hower, Debora Berti, Michael F. Hochella, Sarah M. Mardon



PII: S0166-5162(17)31009-1
DOI: doi:[10.1016/j.coal.2018.05.001](https://doi.org/10.1016/j.coal.2018.05.001)
Reference: COGEL 3008

To appear in: *International Journal of Coal Geology*

Received date: 4 December 2017
Revised date: 30 April 2018
Accepted date: 1 May 2018

Please cite this article as: James C. Hower, Debora Berti, Michael F. Hochella, Sarah M. Mardon, Rare earth minerals in a “no tonstein” section of the Dean (Fire Clay) coal, Knox County, Kentucky. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Cogel*(2018), doi:[10.1016/j.coal.2018.05.001](https://doi.org/10.1016/j.coal.2018.05.001)

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.

Rare Earth minerals in a “no tonstein” section of the Dean (Fire Clay) coal, Knox County, Kentucky

James C. Hower,¹ Debora Berti,² Michael F. Hochella, Jr.,³⁻⁴ Sarah M. Mardon⁵

¹University of Kentucky, Center for Applied Energy Research, 2540 Research Park Dr., Lexington, Kentucky 40511 USA (Hower: 1-859-257-0261; james.hower@uky.edu)

²National Center for Earth and Environmental Nanotechnology (NanoEarth), Virginia Tech, 1991 Kraft Drive, Blacksburg, Virginia 24061 USA

³Department of Geosciences, Derring Hall, Virginia Tech, Blacksburg, Virginia 24061 USA

⁴Subsurface Science and Technology Group, Energy and Environment Directorate, Pacific Northwest National Laboratory, Richland, WA 99352 USA

⁵Kentucky Science and Technology Corporation, P.O. Box 1049, Lexington, KY 40588-1049 USA

Download English Version:

<https://daneshyari.com/en/article/8123363>

Download Persian Version:

<https://daneshyari.com/article/8123363>

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