## **Accepted Manuscript**

Mechanical and Microstructural Characterization of Geopolymers Derived from Red Mud and Fly Ashes

Wei Hu, Qingke Nie, Baoshan Huang, Xiang Shu, Qiang He

PII: S0959-6526(18)30743-1

DOI: 10.1016/j.jclepro.2018.03.086

Reference: JCLP 12344

To appear in: Journal of Cleaner Production

Received Date: 01 November 2017

Revised Date: 15 February 2018

Accepted Date: 08 March 2018

Please cite this article as: Wei Hu, Qingke Nie, Baoshan Huang, Xiang Shu, Qiang He, Mechanical and Microstructural Characterization of Geopolymers Derived from Red Mud and Fly Ashes, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.03.086

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.



## Mechanical and Microstructural Characterization of Geopolymers Derived from Red Mud and Fly Ashes

Wei Hu <sup>a</sup>, Qingke Nie <sup>b,c,d</sup>, Baoshan Huang <sup>e\*</sup>, Xiang Shu <sup>b,c</sup>, Qiang He <sup>a</sup>

<sup>a</sup> Department of Civil and Environmental Engineering, The University of Tennessee,

Knoxville, TN 37996, USA

<sup>b</sup>Hebei Research Institute of Construction and Geotechnical Investigation Co. Ltd.,

Shijiazhuang 050031, China

<sup>c</sup> The Technology Center of Geotechnical Engineering of Hebei Province,

Shijiazhuang 050031, China

<sup>d</sup> School of Civil Engineering, Wuhan University, Wuhan, 430072, China

<sup>e</sup> Visiting Professor, School of Transportation Engineering, Tongji University,

Shanghai, 201804, China

Edwin G Burdette Professor, Department of Civil and Environmental Engineering,

The University of Tennessee, Knoxville, TN 37996, USA

\*Corresponding author. Tel. +1 865 974 7713; fax: +1 865 974 2669.

Email: bhuang@utk.edu

## Download English Version:

## https://daneshyari.com/en/article/8096296

Download Persian Version:

https://daneshyari.com/article/8096296

<u>Daneshyari.com</u>