Accepted Manuscript

Evaluation of the potential improvement in the environmental footprint of geopolymers using waste-derived activators

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PII: S0959-6526(17)31722-5

DOI: 10.1016/j.jclepro.2017.08.007

Reference: JCLP 10261

To appear in: Journal of Cleaner Production

Received Date: 28 April 2017

Revised Date: 01 August 2017

Accepted Date: 02 August 2017

Please cite this article as: Ana Passuello, Erich D. Rodríguez, Eduardo Hirt, Márlon Longhi, Susan A. Bernal, John L. Provis, Ana Paula Kirchheim, Evaluation of the potential improvement in the environmental footprint of geopolymers using waste-derived activators, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.08.007

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ACCEPTED MANUSCRIPT

1	(8036 words)
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