Applied Geochemistry 67 (2016) 186

Contents lists available at ScienceDirect

Applied Geochemistry

journal homepage: www.elsevier.com/locate/apgeochem

Corrigendum

Corrigendum to "Thermodynamic modelling of alkali-activated slag-based cements" [Appl. Geochem. 61 (2015) 233–247]

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The authors regret that the ratio 10($Na_{C-(N-)A-S-H}/Na_{(aq)}$) plotted in Fig. 6B in the original submission was calculated incorrectly; as a result, the plotted result in that paper is erroneous. These calculations have been corrected and the ratio replotted as 0.1($Na_{C-(N-)A-S-H}/Na_{(aq)}$) in Fig. 1.

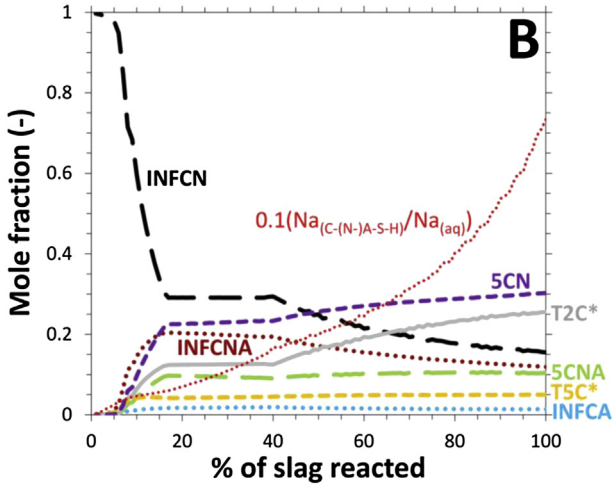

Fig. 1. Replot of Fig. 6B in the original paper (Myers et al., 2015) after correcting the calculation for the $Na_{C-(N-)A-S-H}/Na_{(aq)}$ ratio.

This change affects the following sentence on page 241 of the original paper (Myers et al., 2015): "A 50% reduction in the concentration of Na in the pore solution is predicted from 0% to 100% slag reaction extent, although a constant pH of 14 is maintained and >10 times more Na is always predicted to be present in the aqueous phase relative to C–(N–)A–S–H gel", which refers to the original, erroneous Fig. 6B. The quoted text should be changed to the following description of Figs. 1 and 6A in the original paper: "A 50% reduction in the concentration of Na in the pore solution is predicted from 0% to 100% slag reaction extent, although a constant pH of 14 is maintained. More Na is predicted to be in the C-(N-)A-S-H gel at slag reaction extents $\geq$ 28%."

This correction does not affect any other part of the original paper.

The authors apologise for any inconvenience that this has caused.

Acknowledgements

The authors thank Mr. Yibing Zuo (Delft University of Technology) for making us aware of the error.

Reference

Myers, R.J., Lothenbach, B., Bernal, S.A., Provis, J.L., 2015. Thermodynamic modelling of alkali-activated slag cements. Appl. Geochem. 61, 233–247.

DOI of original article: http://dx.doi.org/10.1016/j.apgeochem.2015.06.006.
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http://dx.doi.org/10.1016/j.apgeochem.2016.02.008