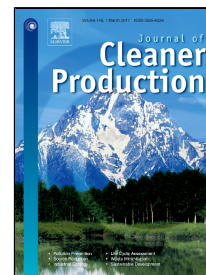


Accepted Manuscript

Granite quarry waste as a future eco-efficient supplementary cementitious material (SCM): scientific and technical considerations

G. Medina, I.F. Sáez del Bosque, M. Frías, M.I. Sánchez de Rojas, C. Medina



PII: S0959-6526(17)30252-4
DOI: 10.1016/j.jclepro.2017.02.048
Reference: JCLP 8974
To appear in: *Journal of Cleaner Production*

Received Date: 19 November 2016
Revised Date: 06 February 2017
Accepted Date: 06 February 2017

Please cite this article as: G. Medina, I.F. Sáez del Bosque, M. Frías, M.I. Sánchez de Rojas, C. Medina, Granite quarry waste as a future eco-efficient supplementary cementitious material (SCM): scientific and technical considerations, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.02.048

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HIGHLIGHTS

- The granite sludge has been used as SCM in the design of the new blended cements.
- The mortars designed compliant with the requirements laid down in European standard.
- The amount of the portlandite is slightly less in the new blended cements.
- The new SCM induces no changes in C-S-H gel product morphology.
- Low concentrations of the waste can be regarded as feasible new SCM.

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