

## Chemical Report

Hanson Cement  
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Composition of Ketton CGPC, EN 197-1:2011, CEM I 42,5N

Dispatched from Ketton

Chemical analysis for week ending 21-Nov-21

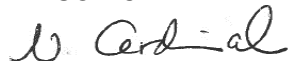
Week No. 2021-46

Compound	%
SiO <sub>2</sub>	21.15
Al <sub>2</sub> O <sub>3</sub>	5.07
Fe <sub>2</sub> O <sub>3</sub>	2.90
CaO	64.40
MgO	1.22
SO <sub>3</sub>	2.95
K <sub>2</sub> O	0.55
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	0.79
Not Detected	0.68
Total	99.32

	%
Insol Residue	0.56
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	92.78

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.2
C <sub>2</sub> S	14.1
C <sub>3</sub> A	8.2
C <sub>4</sub> AF	6.7

For and on behalf of  
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM*  
*National Technical Manager*  
*Hanson Cement*

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