

## 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 19-Feb-23

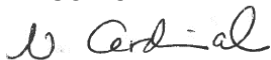
Week No. 2023-7

Compound	%
SiO <sub>2</sub>	20.88
Al <sub>2</sub> O <sub>3</sub>	5.23
Fe <sub>2</sub> O <sub>3</sub>	3.06
CaO	64.52
MgO	1.23
SO <sub>3</sub>	2.95
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.27
Cl	0.04
Loss on Ignition	1.18
Not Detected	0.05
Total	99.95

	%
Insol Residue	0.61
Free CaO	0.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	93.62

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	63.0
C <sub>2</sub> S	14.9
C <sub>3</sub> A	9.4
C <sub>4</sub> AF	7.6

For and on behalf of  
HANSON CEMENT



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

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