

**CHEMICAL PROPERTIES OF CEMENT
TEST REPORT**



INTERNATIONAL
CONSULTANTS

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Sampled by : **Client**
Date sampled : -
Sampling method : -
Sample description : **Cement**
Date received : **17/03/03**

Project No : 524486.01
Lab Ref No : 4-03/46
Client Ref No : Fern GP

Test Results

| | | | |
|--------------------------------|--------|-----|-------|
| SiO ₂ | 20.44% | LOI | 0.73% |
| Al ₂ O ₃ | 5.47% | | |
| Fe ₂ O ₃ | 3.58% | | |
| CaO | 65.03% | | |
| MgO | 0.89% | | |
| SO ₃ | 2.59% | | |
| K ₂ O | 0.52% | | |
| Na ₂ O | 0.10% | | |
| MnO | 0.08% | | |
| TiO ₂ | 0.24% | | |
| P ₂ O ₅ | 0.07% | | |

Results are expressed as weight % on oven dried basis.

Oxide analyses were performed by XRF using fused bead samples.

LOI = loss on ignition at 1000deg C for 1 hour.

Date tested: Mar-03

Sampling and testing are not covered by IANZ Accreditation

This report may only be reproduced in full

**S A Freitag
Signatory**

Designation : Scientist, Concrete Section
Date reported : 02/04/03

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