

**TEST REPORT**

Issued To : SURAJ MINING (GRANITE) PVT LTD.  
205, UPASANA APARTMENTS  
BIHARI MARG, BANI PARK

Report No.: 4852/13149  
Sample Description :  
6"X6" SLATE ( ZEERA GREEN )

Date: 24-Jun-2006  
DOR 17-Jun-2006

JAIPUR-16

Phone/Fax: 2202190, 2202876  
Kind Attn.: MR. AMIT AGARWAL

Your Ref. No. :

ID No -13149

**Chemical Analysis:**

**ELEMENTS**

**CONCENTRATIONS (%)**

(As received basis)

|                                |   |       |
|--------------------------------|---|-------|
| SiO <sub>2</sub>               | - | 64.2  |
| Al <sub>2</sub> O <sub>3</sub> | - | 15.4  |
| Fe <sub>2</sub> O <sub>3</sub> | - | 7.52  |
| TiO <sub>2</sub>               | - | 0.861 |
| CaO                            | - | 1.21  |
| MgO                            | - | 2.77  |
| Na <sub>2</sub> O              | - | 0.90  |
| K <sub>2</sub> O               | - | 1.98  |
| SO <sub>3</sub>                | - | 0.091 |
| P <sub>2</sub> O <sub>5</sub>  | - | 0.173 |
| Cl                             | - | 0.007 |
| MnO                            | - | 0.046 |
| Loss on Ignition               | - | 4.64  |

Protocol: IS:1527 guidelines / AAS



NABL ACCREDITED LAB



Analyst

D CCREQD\RA0024900\IA29631



Authorised Signatory

T 007593

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| <u>S.NO.</u> | <u>TESTS</u>                                                          | <u>RESULTS</u> |
|--------------|-----------------------------------------------------------------------|----------------|
| 1.           | Water absorption, after 24 hrs,<br>immersion in cold water , % by wt. | 0.25           |
| 2.           | Hardness by Mhos Scale                                                | 4              |
| 3.           | Porosity, %                                                           | 0.72           |
| 4.           | Unite weight (Dry), Gm/ cm <sup>3</sup>                               | 2.51           |
| 5.           | Unite weight (Saturated), Gm/cm <sup>3</sup>                          | 2.54           |
| 6.           | Compressive strength, Kg/cm <sup>2</sup>                              | 714.4          |

**Protocol: IS: 1121, IS: 1122 & IS:1124-1974 .**



Analyst

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