



**National Accreditation Board for
Testing and Calibration Laboratories**
(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

SILOAM GEOTECH SERVICES LLP

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

No. 381, 6th A Cross, Tatanagar, Kodigehalli Main Road,
Bangalore, Karnataka

in the field of

TESTING

Certificate Number TC-7791

Issue Date 30/08/2018

Valid Until 29/08/2020

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



89076970100030001884

Anil Relia

Anil Relia
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Siloam Geotech Services LLP, No. 381, 6th A Cross, Tatanagar, Kodigehalli Main Road, Bangalore, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7791

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Validity 30.08.2018 to 29.08.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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MECHANICAL TESTING

I. BUILDING MATERIALS				
1.	Concrete Cube	Compressive strength	IS 516	5 N/mm ² to 80 N/mm ²
II. SOIL AND ROCK				
1.	Soil	Water content (WC)	IS 2720 (Part 2) Section 1	0.1 % to 100 %
		Grain size analysis (GSA)	IS 2720 (Part 4) Clause 3	0.01 % to 100 % (0.075 mm to 4.75 mm)
		Liquid limit (LL)	IS 2720 (Part 5) Clause 4 and 6	0.1 % to 100 %
		Plastic limit (PL)	IS 2720 (Part 5) Clause 7	0.01 % to 50 %
		Shrinkage factors (SF)	IS 2720 (Part 6)	0.1 % to 50 %
		Specific gravity (SG)	IS 2720 (Part 3, Sec 1)	1.5 to 2.9
		Free Swell Index (FSI)	IS 2720 (Part 40)	0.01 % to 400 %
		Direct shear test	IS 2720 (Part 13)	0.01 kg/cm ² to 1.0 kg/cm ² □: 0° to 40°
		Unconfined Compressive Strength (UCC)	IS 2720 (Part 10)	0.1 kg/cm ² to 10 kg/cm ²
		Light Compaction	IS 2720 (Part 7) Clause 5.1 to 5.2 Clause 6 and 7	MDD: 1.4 g/cc to 2.5 g/cc OMC: 5 % to 30 %
Heavy Compaction	IS 2720 (Part 8) Clause 5.1 to 5.2 Clause 6 and 7	MDD: 1.4 g/cc to 2.5 g/cc OMC: 5 % to 30 %		
California Bearing Ratio (CBR)	IS 2720 (Part 16)	1 % to 30 %		

Naveen Jangra
Convenor

Anuja Anand
Program Manager