

Laboratory Gaveshana Geosciences Private Limited, 944, Indira Nagar Colony,
PO New Forest, Dehradun, Uttarakhand

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8087

Page 1 of 1

Validity 19.11.2018 to 18.11.2020

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.	Bricks	Compressive Strength	IS 3495 (Part 1)	2 N/mm ² to 15 N/mm ²
2.	Concrete	Compressive Strength - cube	IS 516	10 N/mm ² to 75 N/mm ²
II. SOIL & ROCK				
1.	Soil	Water Content	IS 2720 (Part 2)	1 % to 30 %
		Grain Size Analysis	IS 2720 (Part 4)	0.1 % to 100 % (0.075 mm to 4.75 mm)
		Liquid Limit (Casagrande)	IS 2720 (Part 5)	10 % to 50 %
		Plastic Limit	IS 2720 (Part 5)	10 % to 60 %
		Light Compaction	IS 2720 (Part 7)	MDD:1 g/cc to 2.5 g/cc OMC:10 % to 30 %
		Heavy Compaction	IS 2720 (Part 8)	MDD:1 g/cc to 2.5 g/cc OMC:10 % to 30 %
		Direct Sheer (undrained)	IS 2720 (Part 13)	C:0.1 Kg/cm ² to 2.0 Kg/cm ² Φ:5 ⁰ to 40 ⁰
2.	Soil-Field	Dry Density by Core Cutter Method	IS 2720 (Part 29)	1.4 g/cc to 2.5 g/cc
3.	Rock	Unconfined Compressive Strength	IS 9143	5 N/mm ² to 300 N/mm ²