

Laboratory Pioneer Surveyors, AS/24/F, BL-CA, Baguiati Deshbandhu Nagar,  
Swagat Gardens, Block-C, Gr. Floor, PWD Road, Choul Patty, Baguati,  
Kolkata, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7867

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Validity 26.09.2018 to 25.09.2020

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.	SOIL & ROCK			
1.	Soil	Specific Gravity	IS 2720 (Part 3/Sec 1)	2 to 4
		Sieve Analysis (Wet Analysis)	IS 2720 (Part 4)	0.1 % to 100 % (0.075 mm to 4.75 mm)
		Liquid Limit	IS 2720 (Part 5)	20 % to 100 %
		Plastic Limit	IS 2720 (Part 5)	10 % to 60 %
		Light Compaction	IS 2720 (Part 7)	OMC: 6 % to 40 % MDD: 1.04 g/cc to 2.5 g/cc
		Heavy Compaction	IS 2720 (Part 8)	OMC: 8 % to 42 % MDD: 1.2 g/cc to 2.8 g/cc