

**Laboratory** Regional Water Testing Laboratory, Groundwater Surveys & Development Agency, Pune Region, Bhujal Bhavan, K B Joshi Road, Shivajinagar, Pune, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-7090 (in lieu of T-3933)

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**Validity** 05.05.2018 to 04.05.2020

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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**CHEMICAL TESTING**

I.	WATER			
1.	Ground Water	pH	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-H <sup>+</sup> B	2 to 12
		Electrical Conductivity	APHA 23 <sup>rd</sup> Edition 2017, Method 2510 B	1 µS/cm to 20000.0 µS/cm
		Total Dissolved Solid	APHA 23 <sup>rd</sup> Edition 2017, Method 2540 C	1.0 mg/l to 12900.0 mg/l
		Total Hardness (as CaCO <sub>3</sub> )	APHA 23 <sup>rd</sup> Edition 2017, Method 2340 C	4.0 mg/l to 1500.0mg/l
		Fluoride	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-F <sup>-</sup> D	0.01mg/l to 8.0 mg/l
		Iron	APHA 23 <sup>rd</sup> Edition 2017, Method 3500-Fe B	0.01 mg /l to 5.00 mg /l
		Nitrate	APHA 23 <sup>rd</sup> Edition 2017, Method 4500-NO <sub>3</sub> <sup>-</sup> B	0.01 mg/l to 100 mg/l