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TEST REPORT

Report Release Date : 25.06.2018	Sample Ref. No.(ARF) : EC/ARF/29/180662
Test Report No : EC/TR/42/06301	Source of Sample : Cement Plant
Type of Sample : Ground Water	Sampling Date : 18.06.2018
Sample Collected by : Mr. Ranjeet Yadav	Period of Analysis : 21.06.2018
Sample Details : Bore Well	Sampling Location : Campus of Staff Quarter
Name & Address : Burnpur Cement Limited	Sample Condition : Sealed & Preserved
Patratu Industrial Area	Sample Stamped as : BCL - 134'
Patratu, Dist. Ramgarh	Sample Drawn By : ECO CARE
Jharkhand	Remarks : ----
	Sampling Plan & Procedure : EC/SOP/03/01
	Deviation if any : None

Sl. No.	Parameters	Unit	Test Method (APHA 22 nd Edition)	Standards (IS:10500)	Results
1	pH at 24.5 ^o C		4500-H ⁺ B	6.5 – 8.5	6.78
2	TDS	mg/l	2540 C	500.0	292.40
3	Turbidity	NTU	2130 B	1.0	<1.00
4	Total Alkalinity (as CaCO ₃)	mg/l	2320 B	200.0	112.11
5	Chloride (as Cl ⁻)	mg/l	4500 – Cl ⁻ B	250.0	24.64
6	Total Hardness (as CaCO ₃)	mg/l	2340 C	200.0	108.00
7	Calcium (as Ca ²⁺)	mg/l	3500 – Ca B	75.0	32.86
8	Sulphate (as SO ₄ ⁻)	mg/l	4500 – SO ₄ ²⁻ E	200.0	20.36
9	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.09
10	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	6.32

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

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