



District Level Water Testing Laboratory, Pakur Jharkhand

(Drinking Water & Sanitation Department, Jharkhand)
Office of the Executive Engineer
Near Old Samaharnalay Parisar, Pakur- 816107 Jharkhand, India
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TC-15432

Test Report

Report No:	Pkr180526-292	Date of issue: 19/05/2026
Name & Address of Customer	DEHLI PUBLIC SCHOOL, PAKUR DIST-PAKUR, JHARKHAND 816107	Sample code:180526GW-292
Sample location	MALIPARA ROAD PAKUR	Sample Type: GROUND WATER
Date of Sampling	18/05/2026	1L PVC Bottle
Sampling Procedure	Sampling not done by the Laboratory	Date of Receipt of Sample
Date of Analysis	18/05/2026	Temperature
URL No	TC-1543225000000292F	Date of completion of Analysis

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – Feb 2022	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	6.8	APHA 24 th Edition 2017-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.13	APHA-24 th Edition 2017-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	200	APHA 24 th Edition 2017-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Chloride (as Cl)	mg/L	40	APHA-24 th Edition 2017-4500 Cl- B, (Argentometric method)	250	1000
5	Total Hardness as CaCO ₃	mg/L	84	APHA-24 th Edition 2017-2340-C (EDTA Titrimetric method)	200	600
6	Total Alkalinity as CaCO ₃	mg/L	48	APHA-24 th Edition 2017-2320-B, (Titration Method)	200	600
7	Calcium as Ca ⁺	mg/L	28	APHA-24 th Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
8	Magnesium as Mg ⁺	mg/L	13.44	APHA-24 th Edition 2017-3500-Mg-B, (Calculation Method)	30	100
9	Fluoride as F	mg/L	0.10	APHA 24 th Edition 2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
10	Colour	HU	05	Visual comparison	5	15
11	Odour	-	Agreeable	Observation	Agreeable	Agreeable

Notes: -

- ◆ The results listed refer only to the tested sample and applicable parameters.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report cannot be reproduced, except when in full, without the written permission of the Lab In-charge.
- ◆ All disputes are subjected to the Pakur Jurisdiction.
- ◆ Sample will be stored for a period of 7 days from the date of issue of report after which it will be disposed off, During this time if there is any doubt the customer may request the Laboratory for retesting of sample.

Manager
Manager
Delhi Public School Pakur
Affiliation No.-3430354
School Code-66553

Principal
-End of the Report-
Principal
Delhi Public School Pakur
Affiliated to C.B.S.E
Affin. No.-3430354

19/05/26
Authorised Signatory
Authorised Signatory