



GEMS



NABET

**GLOBAL ENVIRONMENT & MINING SERVICES**

(Consulting Engineers, Mine designers, Geologist &amp; Surveyors)

3rd Main Road, Basaveswara Badavane,

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Website : www.globalmining.in

GEMS-LD/TF/23/01

**TEST REPORT OF WATER QUALITY DATA**

1. Name of the Customer/Address : **Delhi World School**  
Halya Road, Kotturu,  
Kotturu Taluk, Vijayanagara Dist.,  
Karnataka State.
2. Customer Reference : Sample collected Date: 19.06.2025 (by Hand)
3. Sample collected by : **(Submitted Sample)**
4. Sample Received : 19.06.2025
5. Date of Analysis : 19.06.2025
6. Date of Completion : 20.06.2025
7. Report Issued Date : 20.06.2025
8. Sample Type : **Filter Water**
9. Discipline : **Chemical**
10. Group : Water
11. Sample Quantity : Each Sample 2.0 Lts.
12. Environmental Condition : Good
13. Sample Method : Not Applicable
14. Sample Code : **156**
15. Report Number : **GEMS/FW/2025-2026/143**

**Results**

Sl. No	Parameters	Protocol	Unit	Results	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
PHYSICAL						
1	pH	APHA 24th Edition 4500 H +B: 2023	-	6.79	6.5 to 8.5	NR
2	Conductivity	APHA 24th Edition 2510 B : 2023	µS/cm	290	-	-
3	Total Dissolved Solids	APHA 24th Edition 2540 C: 2023	mg/L	174	500max	2000 max
4	Turbidity (NTU)	APHA 24th Edition 2130 B: 2023	NTU	0.1	1 max	5max
5	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	<1.0	-	-
CHEMICAL						
6	Sulphate as SO4	APHA 24th Edition 4500 SO4 E: 2023	mg/L	18.41	200max	400max
7	Phosphorus as P	APHA 24th Edition 4500 P D: 2023	mg/L	BDL	-	-
8	Sodium as Na	APHA 24th Edition 3500 Na B : 2023	mg/L	6.12	-	-
9	Potassium as K	APHA 24th Edition 3500 K B : 2023	mg/L	0.0	-	-
10	Calcium as Ca	APHA 24th Edition 3500 Ca B : 2023	mg/L	19.0	75max	200max
11	Magnesium as Mg	APHA 24th Edition 3500 Mg B : 2023	mg/L	23.08	30max	100max
12	Total Hardness as CaCO3	APHA 24th Edition 2340 C : 2023	mg/L	142.5	200max	600max
13	Chloride as Cl	APHA 24th Edition 4500 Cl B: 2023	mg/L	75.49	250max	1000 max
14	Fluoride as F	APHA 24th Editin 4500 F D : 2023	mg/L	0.57	1 max	1.5 max
15	Nitrate Nitrogen as NO3	APHA 24th Edition 4500 NO3 E: 2023	mg/L	3.52	45 max	NR max
16	Total Alkalinity as CaCO3	APHA 24th Edition 2320 B : 2023	mg/L	50.0	200 max	600 max
17	Total Iron as Fe	APHA 24th Editon 3500 Fe B : 2023	mg/L	BDL	0.30 max	NR
TRACE METALS						
18	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	BDL	0.02 max	NR
19	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	BDL	0.10 max	0.30 max
20	Copper as Cu	APIIA 24th Edition 3111 B : 2023	mg/L	BDL	0.05 max	1.50 max
21	Zinc as Zn	APIIA 24th Edition 3111 B : 2023	mg/L	BDL	5 max	15 max
22	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/l.	BDL	0.01 max	NR

**Note:**

1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days, Minerals 3 Months, Filter papers & Thinbles After analysis Discard 7days.
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6. Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey







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**GEMS/ FW/2025-26/143**

23	Chromium as Cr	APHA 24th Edition 3111Cr B : 2023	mg/L	BDL	0.05 max	NR
<b>Microbiological Parameters</b>						
24	E-Coli	IS: 1622: 1981	MPN/10 0ml	Absent	Shall not be detectable in any 100 ml	-
25	Total Coliforms	IS: 1622: 1981	MPN/10 0ml	Absent	Shall not be detectable in any 100 ml	-

**Note: Raw Water (Sample not drawn by us)****Total Coliforms are Absent In the Water Sample**

BDL: Below Detectable Limit

Ag: Agreeable

NR: No Relaxation

RA: Reaffirmed

**\*End of Report\****T. Chandana***Analysed By**

T. Chandana

Chemist

*K. Ramakrishna Reddy*  
**Authorised Signatory**

K. Ramakrishna Reddy

Technical Manager

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