



DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001:2015 Certified Laboratory

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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2025/0804/16
Sample Id: 08042025/16	Date of Report: 16/04/2025
Sample Quantity: As per requirement	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 12/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 36M Span Intermediate Lane Motor Bridge & its approach in Km-2 of Gairsain to village Devalkot Motor Road in District Chamoli.	
Issued to: Mr.Umashankar Singh Rawat, Tharali Chamoli, Uttarakhand	Page 1 of 1

Sample: 01

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS: 456-2000 (Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02 N-Noah to neutralize 100ml. of water sample using Phenolphthalein indicator	0.22	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.82	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	78	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	115	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	24	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	30	500 mg/l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.72	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	165	2000	IS: 3025 (P-17) 2022

*****End of Report***



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1. The result listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
2. Total liability of our lab is limited to the invoiced amount.
3. Sample not drawn by lab and sample will be destroyed after 30 days from the date of issue of test report.
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TEST REPORT

Description of Sample: Drinking / Ground Water	Report No.: DTL/DDN/2025/0804/14
Sample Id: 08042025/14	Date of Report: 16/04/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 12/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 36M Span Intermediate Lane Motor Bridge & its approach in Km-2 of Gairsain to village Devalkot Motor Road in District Chamoli."	
Issued to:	Page 1 of 1
Mr.Umeshankar Singh Rawat, Tharali Chamoli, Uttarakhand	

Requirement as per IS: 10500-2012 RA:2018

S. No.	Characteristics	Test-Value	Acceptable Limit	Permissible Limit in Absence of alternate source	Method of Test
1.	Colour, Hazen unit Max.	≤5	5	15	IS-3025(P-4)-1983 RA:2021
2.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-1983 RA:2018
3.	Turbidity, NTU. Max.	Nil	1	5	IS-3025(P-10)-1984 RA:2017
4.	pH Value	7.64	6.5-8.5	No Relaxation	IS-3025(P-11)-1983 RA:2022
5.	Total Hardness, (asCaCO ₃), mg/l Max.	30	200	600	IS-3025(P-21)-2009 RA:2019
6.	Iron (as Fe), mg/l Max.	0.22	0.3	No Relaxation	IS-3025(P-53)-2012 RA:2019
7.	Chloride (as Cl), mg/l Max.	24	250	1000	IS-3025(P-32)-1988 RA:2019
8.	Total Dissolved Solid mg/L Max.	118	500	2000	IS-3025(P-16)-1984 RA:2017
9.	Bacteriological Test				IS:1622-1981 RA:2019
	a) E-Coil	ND		Shall not be detectable	
	b) Total coliform bacteria	ND			

*****End of Report*****

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