



DEVBHOOMI TESTING LABORATORY DEHRADUN

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

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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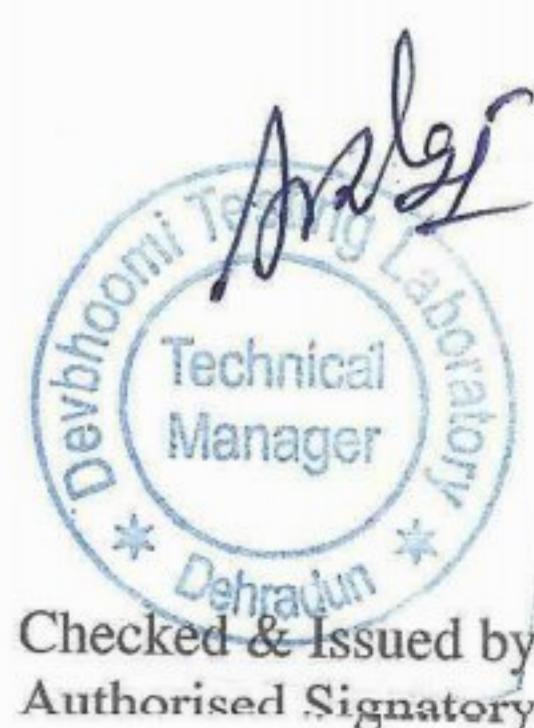
TEST REPORT

Description of Sample: Drinking / Ground Water	Report No.: DTL/DDN/2024/2910/09
Sample Id: 29102024/09	Date of Report: 07/11/2024
Sample Quantity: 1 Ltr.	Date of Sampling: 29/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 03/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 24M Span Intermediate Lane Motor Bridge & its approach in Km-2 of Ujjawalpur to Gwad Dungri Jaspur Motor Road in District Chamoli.	
Issued to: 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	7.45	6.5-8.5	No Relaxation	IS-3025(P-11)-1983 RA:2022
5.	Total Hardness, (asCaCO ₃), mg/l Max.	27	200	600	IS-3025(P-21)-2009 RA:2019
6.	Iron (as Fe), mg/l Max.	0.23	0.3	No Relaxation	IS-3025(P-53)-2012 RA:2019
7.	Chloride (as Cl), mg/l Max.	16	250	1000	IS-3025(P-32)-1988 RA:2019
8.	Total Dissolved Solid mg/L Max.	108	500	2000	IS-3025(P-16)-1984 RA:2017
9.	Bacteriological Test a) E-Coil b) Total coliform bacteria	ND ND	Shall not be detectable		IS:1622-1981 RA:2019

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



- The result Listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- 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: Surface Water	Report No.: DTL/DDN/2024/2910/10
Sample Id: 29102024/10	Date of Report: 07/11/2024
Sample Quantity: As per requirement	Date of Sampling: 29/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 03/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 24M Span Intermediate Lane Motor Bridge & its approach in Km-2 of Ujjawalpur to Gwad Dungri Jaspur Motor Road in District Chamoli."	
Issued to: Mr.Umashankar Singh Rawat, Tharali Chamoli, Uttarakhand	

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	0.3	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	5.9	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	74	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	103	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	23	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	26	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.82	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.58	2000	IS: 3025 (P-17) 2022

*****End of Report***



Devbhoomi Testing Laboratory
Technical Manager

Checked & Issued by
Authorised Signatory

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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/2910/11
Sample Id: 29102024/11	Date of Report: 07/11/2024
Sample Quantity: As per requirement	Date of Sampling: 29/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 03/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	
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Issued to: Mr.Umashankar Singh Rawat, Tharali Chamoli, Uttarakhand	Page 1 of 1

Sample: 02

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	0.8	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	6.3	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	77	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	105	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	28	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.79	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.57	2000	IS: 3025 (P-17) 2022

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



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