



# ME TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

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## TEST REPORT

<b>Issued to:</b> M/s Tons Builders, Near Telephone Exchange, Purola, Uttarkashi.	<b>Report No.:</b> METCLPL/DDN/02062025/09 <b>Sample Id:</b> 020625/09 <b>Date of Receipt:</b> 02/06/2025 <b>Date of performance of Testing:</b> 02 - 07/06/2025 <b>Date of Issue of Report:</b> 07/06/2025
<b>Sample Description:</b> Soil <b>Sample Quantity:</b> 1 kg <b>Sample Condition:</b> Receipt as OK <b>Sample Plan &amp; Sampling Method:</b> N/A. <b>Environment Condition (Temp. &amp; Humidity):</b> 25.0 <sup>0</sup> ±5 <sup>0</sup> C & NA <b>Addition to, Deviation or Exclusion from the Method:</b> NA	<b>Location:</b> A1 Side <b>Sampling Period:</b> 01/06/2025 (9:42 AM) <b>Test Performed at:</b> Lab
<b>N.O.W.:</b> Construction of 90 M Span Single Lane Pedestrian Suspension Bridge and its approach road near Tikochi Market in District Uttarkashi under EPC mode. <b>C.A. No.:</b> 11/U-PREPARE/14/BR/RFB-EPC/UGRIDP/2023 Dated: 18.09.2024	

S. No.	Parameters	Test Value	Test Method Ref.
1.	pH	8.65	IS: 2720 (Part-26): 1986
2.	Lead (as Pb), %	N.D	Colorimetric Method
3.	Electrical Conductivity at 25 <sup>0</sup> C (1:2 Ratio), µmohs/cm	226.1	IS : 2720: 1983
4.	Soil Texture	Sandy	IS : 2720: 1983
	Sand %	45.3	
	Silt %	35.7	
	Clay %	29.0	
5.	Moisture at 105 <sup>0</sup> C, (wt/wt)	21.6	IS : 2720 (Part-2): 1973
6.	Potassium as K (mg/kg)	77.4	By Flame Photometer
7.	Total Organic Matter, (wt/wt)	2.6	IS 2720 P-22: 1972
8.	Nitrogen as N, %	3.6	IS 14684 - 1999
9.	Sodium as Na (mg/kg)	61.3	By Flame Photometer
10.	Phosphate as Po <sub>4</sub> , (mg/kg)	0.57	APHA Method
11.	Calcium, mg/kg	86.2	USEPA Method
12.	Magnesium, mg/kg	23.1	USEPA Method
13.	Permeability at 27 <sup>0</sup> C, cm/sec.	193.6	IS: 2720 (P-17): 1986
14.	Oil & Grease	N.D	IS : 3025 Part-5: 1983

**Note:** N.D Stands For Not Detectable.

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

Reviewed By



Mr. Rahul Rohilla (Q.M./T.M)  
Authorized Signatory

- The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
- Total liability of our Lab. is limited to the invoiced amount.
- Samples will be destroyed after 30 Days from the date of issue of test report.
- This report is not be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.





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## TEST REPORT

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<b>Sample Description:</b> Soil <b>Sample Quantity:</b> 1 kg <b>Sample Condition:</b> Receipt as OK <b>Sample Plan &amp; Sampling Method:</b> N/A. <b>Environment Condition (Temp. &amp; Humidity):</b> 25.0 <sup>0</sup> ±5 <sup>0</sup> C & NA <b>Addition to, Deviation or Exclusion from the Method:</b> NA	<b>Location:</b> A2 Side <b>Sampling Period:</b> 01/06/2025 (10:16 AM) <b>Test Performed at:</b> Lab
<b>N.O.W.:</b> Construction of 90 M Span Single Lane Pedestrian Suspension Bridge and its approach road near Tikochi Market in District Uttarkashi under EPC mode. <b>C.A. No.:</b> 11/U-PREPARE/14/BR/RFB-EPC/UGRIDP/2023 Dated: 18.09.2024	

S. No.	Parameters	Test Value	Test Method Ref.
1.	pH	8.10	IS: 2720 (Part-26): 1986
2.	Lead (as Pb), %	N.D	Colorimetric Method
3.	Electrical Conductivity at 25 <sup>0</sup> C (1:2 Ratio), µmohs/cm	251.8	IS : 2720: 1983
4.	Soil Texture	Sandy	IS : 2720: 1983
	Sand %	47.6	
	Silt %	33.3	
	Clay %	28.1	
5.	Moisture at 105 <sup>0</sup> C, (wt/wt)	20.0	IS : 2720 (Part-2): 1973
6.	Potassium as K (mg/kg)	70.6	By Flame Photometer
7.	Total Organic Matter, (wt/wt)	2.2	IS 2720 P-22: 1972
8.	Nitrogen as N, %	3.8	IS 14684 - 1999
9.	Sodium as Na (mg/kg)	64.6	By Flame Photometer
10.	Phosphate as Po <sub>4</sub> , (mg/kg)	0.51	APHA Method
11.	Calcium, mg/kg	83.6	USEPA Method
12.	Magnesium, mg/kg	20.5	USEPA Method
13.	Permeability at 27 <sup>0</sup> C, cm/sec.	189.0	IS: 2720 (P-17): 1986
14.	Oil & Grease	N.D	IS : 3025 Part-5: 1983

Note: N.D Stands For Not Detectable.

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

Reviewed By



Mr. Rahul Rohilla (Q.M./T.M)

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