



ME TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

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TEST REPORT

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issued to: M/s Tons Builders, Near Telephone Exchange, Purola, Uttarkashi. | Report No.: METCLPL/DDN/03062025/11 Sample Id: 030625/11 Date of Receipt: 03/06/2025 Date of performance of Testing: 03 - 09/06/2025 Date of Issue of Report: 09/06/2025 |
| Sample Description: Soil Sample Quantity: 1 kg Sample Condition: Receipt as OK Sample Plan & Sampling Method: N/A. Environment Condition (Temp. & Humidity): 25.0 ⁰ ±5 ⁰ C & NA Addition to, Deviation or Exclusion from the Method: NA | Location: A1 Side Sampling Period: 02/06/2025 (9:20 AM) Test Performed at: Lab |
| N.O.W: Construction of 84 M Span Steel Girder Motor Bridge over Kotigaad in Km 01 of Tikochi-Duchanu-Kiranu-Sirtoli Motor Road in District Uttarkashi under EPC mode. C.A. No.: 13/U-PREPARE/34/BR/RFB-EPC/UGRIDP/2023 Dated: 18.09.2024 | |

| S. No. | Parameters | Test Value | Test Method Ref. |
|--------|--------------------------------------------------------------------|------------|--------------------------|
| 1. | pH | 8.40 | IS: 2720 (Part-26): 1986 |
| 2. | Lead (as Pb), % | N.D | Colorimetric Method |
| 3. | Electrical Conductivity at 25 ⁰ C (1:2 Ratio), µmohs/cm | 292.1 | IS : 2720: 1983 |
| 4. | Soil Texture | Sandy | IS : 2720: 1983 |
| | Sand % | 40.7 | |
| | Silt % | 37.3 | |
| | Clay % | 27.5 | |
| 5. | Moisture at 105 ⁰ C, (wt/wt) | 16.8 | IS : 2720 (Part-2): 1973 |
| 6. | Potassium as K (mg/kg) | 75.0 | By Flame Photometer |
| 7. | Total Organic Matter, (wt/wt) | 2.5 | IS 2720 P-22: 1972 |
| 8. | Nitrogen as N, % | 4.1 | IS 14684 - 1999 |
| 9. | Sodium as Na (mg/kg) | 65.2 | By Flame Photometer |
| 10. | Phosphate as Po ₄ , (mg/kg) | 0.53 | APHA Method |
| 11. | Calcium, mg/kg | 80.0 | USEPA Method |
| 12. | Magnesium, mg/kg | 20.1 | USEPA Method |
| 13. | Permeability at 27 ⁰ C, cm/sec. | 174.0 | 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

[Signature]
AAR.



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.

NABL ACCREDITED & ISO 9001:2015 CERTIFIED LAB.



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TEST REPORT

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| Issued to: M/s Tons Builders, Near Telephone Exchange, Purola, Uttarkashi. | Report No.: METCLPL/DDN/03062025/12 Sample Id: 030625/12 Date of Receipt: 03/06/2025 Date of performance of Testing: 03 - 09/06/2025 Date of Issue of Report: 09/06/2025 |
| Sample Description: Soil Sample Quantity: 1 kg Sample Condition: Receipt as OK Sample Plan & Sampling Method: N/A. Environment Condition (Temp. & Humidity): 25.0 ⁰ ±5 ⁰ C & NA Addition to, Deviation or Exclusion from the Method: NA | Location: A2 Side Sampling Period: 02/06/2025 (9:51 AM) Test Performed at: Site & Lab |
| N.O.W: Construction of 84 M Span Steel Girder Motor Bridge over Kotigaad in Km 01 of Tikochi-Duchanu-Kiranu-Sirtoli Motor Road in District Uttarkashi under EPC mode. C.A. No.: 13/U-PREPARE/34/BR/RFB-EPC/UGRIDP/2023 Dated: 18.09.2024 | |

| S. No. | Parameters | Test Value | Test Method Ref. |
|--------|--------------------------------------------------------------------|------------|--------------------------|
| 1. | pH | 8.24 | IS: 2720 (Part-26): 1986 |
| 2. | Lead (as Pb), % | N.D | Colorimetric Method |
| 3. | Electrical Conductivity at 25 ⁰ C (1:2 Ratio), µmohs/cm | 314.2 | IS : 2720: 1983 |
| 4. | Soil Texture | Sandy | IS : 2720: 1983 |
| | Sand % | 42.0 | |
| | Silt % | 37.1 | |
| | Clay % | 26.7 | |
| 5. | Moisture at 105 ⁰ C,(wt/wt) | 18.1 | IS : 2720 (Part-2): 1973 |
| 6. | Potassium as K (mg/kg) | 71.3 | 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) | 62.6 | By Flame Photometer |
| 10. | Phosphate as Po ₄ , (mg/kg) | 0.62 | APHA Method |
| 11. | Calcium, mg/kg | 86.2 | USEPA Method |
| 12. | Magnesium, mg/kg | 17.7 | USEPA Method |
| 13. | Permeability at 27 ⁰ C, cm/sec. | 169.8 | 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*****

[Signature]



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

Authorized Signatory

[Signature]
Reviewed By

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