

# FIRST BEST SOLUTIONS

(COMPLETE GROUND WATER SERVICE PROVIDER)

Plot No. V21, Flat No. 10, Vikram Enclave Shalimar Garden, Sahibabad, Ghaziabad-201005

Email: - [firstbestsolution@yahoo.com](mailto:firstbestsolution@yahoo.com)

Mob: - 8744928231

Date: 17-1-2024

## Geophysical Borehole Logging Report

By Sh. R. Chandra, Sr. Scientist (Retd.)

The geo-electric logging was done in the borehole at village Kuri Todheema Station, Block Colonelganj, District Gonda, U.P.

Name of Village : Kuri Todheema

Block – Colonelganj

District: Gonda

Date : 17-1-2024

Depth Drilling : 330.0 m.bgl

Depth logged : 315.0 m.bgl

Logger use : Robertson

Based on the Interpretation report from geophysical Log chart following granular zones have been deciphered.

| S.No | Depth Range (m.bgl) |     | Thickness (m) | LITHOLOGY        |
|------|---------------------|-----|---------------|------------------|
|      | From                | To  |               |                  |
| 1    | 6                   | 27  | 21            | fine sand        |
| 2    | 27                  | 35  | 8             | Clay             |
| 3    | 35                  | 45  | 10            | fine sand        |
| 4    | 45                  | 50  | 5             | Clay             |
| 5    | 50                  | 60  | 10            | fine sand        |
| 6    | 60                  | 63  | 3             | Clay             |
| 7    | 63                  | 90  | 27            | fine sand        |
| 8    | 90                  | 95  | 5             | Clay with Kankar |
| 9    | 95                  | 105 | 10            | fine sand        |
| 10   | 105                 | 107 | 2             | Clay with Kankar |
| 11   | 107                 | 115 | 8             | fine sand        |
| 12   | 115                 | 121 | 6             | Clay with Kankar |
| 13   | 121                 | 124 | 3             | fine sand        |
| 14   | 124                 | 140 | 16            | Clay with Kankar |
| 15   | 140                 | 145 | 5             | fine sand        |
| 16   | 145                 | 153 | 8             | Clay with Kankar |
| 17   | 153                 | 165 | 12            | fine sand        |
| 18   | 165                 | 175 | 10            | Clay with Kankar |

*R. Chandra*  
JUNIOR ENGINEER  
DIVISION OFFICE (EM)  
U.P. JAL NIGAM RURAL GONDA

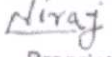


| 19   | 175                    | 188 | 13               | fine sand        |
|------|------------------------|-----|------------------|------------------|
| S.No | Depth Range<br>(m.bgl) |     | Thickness<br>(m) | LITHOLOGY        |
|      | From                   | To  |                  |                  |
| 20   | 188                    | 197 | 9                | Clay with Kankar |
| 21   | 197                    | 201 | 4                | fine sand        |
| 22   | 201                    | 205 | 4                | Clay with Kankar |
| 23   | 205                    | 220 | 15               | fine sand        |
| 24   | 220                    | 223 | 3                | Clay with Kankar |
| 25   | 223                    | 230 | 7                | fine sand        |
| 26   | 230                    | 245 | 15               | Clay with Kankar |
| 27   | 245                    | 256 | 11               | Sandy clay       |
| 28   | 256                    | 274 | 18               | fine sand        |
| 29   | 274                    | 281 | 7                | Sandy clay       |
| 30   | 281                    | 286 | 5                | fine sand        |
| 31   | 286                    | 315 | 29               | Clay with Kankar |

  
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