

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 145

Dated: 09-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dehariyawan  
Block: Badli Rai  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 09-05-2022  
Drilling Depth: 170.0 m bgl  
Logging Depth: 165.0 m bgl  
Rm - 14.0  $\Omega$ m Rw - 12.0  $\Omega$ m

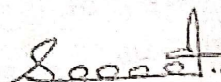
Borehole Drilled by: Gayatri Projects Limited, Sultanpur, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

| Sl. No. | Depth Range (mbgl) | Thickness (meter) | Remark (Quality of Aquifer Water) |
|---------|--------------------|-------------------|-----------------------------------|
| 1.      | 20 - 27            | 07                | Good                              |
| 2.      | 32 - 35            | 03                | Good                              |
| 3.      | 38 - 48            | 10                | Good                              |
| 4.      | 52 - 56            | 04                | Good                              |
| 6.      | 60 - 65            | 05                | Good                              |
| 7.      | 69 - 76            | 07                | Good                              |
| 8.      | 122 - 134          | 12                | Good                              |

Note: Fine Bands of Kankar are intermixed with Zones Sl. No. 6 and 8.

For Geo Instruments & Technic's

  
(S. Shukla)

Verified as per  
logs provided.

G. S. N.  
ASSISTANT HYDROGEOLOGIST  
10/10/2022  
UP. JAL NIGAM (RURAL)  
PRAYAGRAJ

Head Office : V.I.P. Road, Near Pakri Ka Pu