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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 864  
Dated: 07-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pipra Dixit  
Block: Bhatni  
District: Deoria  
State: Uttar Pradesh  
Date of logging: 07-12-2022  
Drilling depth: 135.0 m bgl  
Logging Depth: 133.0 m bgl  
Rm - 42.0  $\Omega$ m Rw - 46.0  $\Omega$ m

Borehole Drilled by: M/s L.C. Infra TCEL Joint Venture Deoria, 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 (m bgl) | Thickness (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1.      | 17 - 21             | 04                 | Good                               |
| 2.      | 34 - 41             | 07                 | Good                               |
| 3.      | 46 - 51             | 05                 | Good                               |
| 4.      | 72 - 82             | 10                 | Good                               |
| 5.      | 86 - 90             | 04                 | Good                               |
| 6.      | 110 - 120           | 10                 | Good                               |

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 4 & 6 are highly intermixed with thin bands of Kankar.

Verified as per logs provided.  
G.S.  
07/12/22

For Geo Instruments & Technic's

(S. Shukla)

Lowering of the Assembly at Nippon Bridge (Ghoshpur, Deoria)

Core size 550 x 550 mm

Drilling/ Lowering 102.12m

TH Assembly size 200 x 150 mm

Liquided Burial 35.4m

Logging date 02/12/22

Lowering date 12/12/22

Logging Report

- ① 17 — 21
- ② 34 — 41
- ③ 46 — 51
- ④ 72 — 82
- ⑤ 86 — 90
- ⑥ 110 — 120

|      |              |         |
|------|--------------|---------|
| 6.01 |              |         |
| 6.03 |              |         |
| 6.01 | 36.07 - 0.5m |         |
| 6.03 | - 35.57m     |         |
| 6.02 |              |         |
| 5.97 |              | 35.57m  |
|      | 0.15m        | 35.72m  |
| 6.03 |              |         |
| 6.02 |              |         |
| 6.02 |              |         |
| 6.03 | 36.78m       |         |
| 6.02 |              |         |
| 6.03 |              | 72.50m  |
| 6.04 |              | = 9.07m |
| 3.03 |              | 81.57m  |
| 6.01 |              |         |
| 6.02 |              |         |
| 6.01 | = 28.93      |         |
| 6.01 |              |         |
| 4.88 |              | 110.50m |
| 3.00 |              | = 9.04m |
| 6.04 |              | 119.54m |
| 3.00 |              |         |

122.54  
- 10.50 AGL

Total 123.04m

