



Tele Fax : +91-0522-246-5512(O)

Mobile : + 91 - 9415141232

E-mail : geo.instrument@outlook.com

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 432

Dated: 28-07-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sonbarsa  
 Block: Motichak  
 District: Kushi Nagar  
 State: Uttar Pradesh  
 Drilling Depth: 160.0 m bgl  
 Logging Depth: 157.0 m bgl  
 Date of logging: 27-07-2022  
 Rm - 14.0 Qm Rw - 13.0 Qm

Borehole Drilled by: NCC Limited, Kushinagar, 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 (meter) | Remark (Quality of Aquifer Water) |
|---------------|---------------------|-------------------|-----------------------------------|
| <del>1.</del> | 27 - 40             | 13                | Good                              |
| <del>2.</del> | 43 - 50             | 07                | Good                              |
| <del>3.</del> | 56 - 64             | 08                | Good                              |
| (4)           | 81 - 85             | 04                | Good                              |
| <del>5.</del> | 95 - 107            | 12                | Good                              |
| <del>6.</del> | 115 - 122           | 07                | Good                              |
| <del>7.</del> | 130 - 133           | 03                | Good                              |
| <del>8.</del> | 135 - 140           | 05                | Good                              |
| <del>9.</del> | 150 - 157           | 07                | Good                              |

Note: Fine Bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.  
 Note: Sr No 3 - may consider as 57-64 (7m).

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)

*S. Ch*  
 ASSISTANT HYDROGEOLOGIST  
 200/21 B OFFICE (2M)  
 U.P. JAL NIGAM (RURAL)  
 PRAYAGRAJ

Regd. Office : V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005