

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:23-24:LS: 7/11

Dated: 10-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Batardera**
 Block: **Padrauna**
 District: **Kushi Nagar**
 State: **Uttar Pradesh**
 Date of Logging: **09-06-2023**
 Drilling Depth: **156.0 m bgl**
 Logging Depth: **157.0 m bgl** *156mbgl*
 Rm - 12.0 Ωm Rw - 23.0 Ωm

Borehole Drilled by: M/s NCC Limited, Kushi Nagar, U. P. India.

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)
1.	24 - 28	04	Good
2.	36 - 40	04	Good
3.	43 - 50	07	Good
4.	54 - 58	04	Good
5.	62 - 72	10	Good
6.	90 - 94	04	Good
7.	102 - 109	07	Good
8.	128 - 132	04	Good
9.	136 - 143	07	Good
10.	152 - 155	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 9 is highly intermixed with fine band of kankar.

Verified as per logs provided

*Geo
10/06/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)