

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 35

Dated: 04-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Puraini
Block: Biswan
District: Sitapur
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 165.0 m bgl
Date of logging: 03-04-2023
Rm - 19.0 Ω m Rw - 24.0 Ω m

Borehole Drilled by: M/s NCC Limited, Sitapur, 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)
1.	18 - 22	04	Good
2.	24 - 28	04	Good
3.	33 - 43	10	Good
4.	55 - 62	07	Good
5.	65 - 68	03	Good
6.	76 - 80	04	Good
7.	92 - 99	07	Good
8.	110 - 117	07	Good
9.	124 - 128	04	Good
10.	132 - 136	04	Good
11.	140 - 144	04	Good
12.	150 - 159	09	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 1, 3, 7 & 10 to 12 are highly intermixed with fine bands of kankar.

Verified as per logs provided

G.S. 04/04/23

For Geo Instruments & Technic's

S. Shukla
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