

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: 240
Dated: 22-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajapur Saraiyya
Block: Simariyawan
District: Sant Kabir Nagar
State: Uttar Pradesh
Date of Logging: 20-04-2023
Drilling Depth: 161.0 m bgl
Logging Depth: 155.0 m bgl
Rm - 19.0 Ω m Rw - 20.0 Ω m

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.,
Sant Kabir Nagar, 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.	15 - 21	06	Good
2.	33 - 43	10	Good
3.	55 - 62	07	Good
4.	65 - 74	09	Good
5.	86 - 90	04	Good
6.	95 - 98	03	Good
7.	104 - 107	03	Good
8.	114 - 124	10	Good
9.	132 - 139	07	Good
10.	145 - 151	06	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.

Verified as per logs provided.

*Note: sr No 4
66-74 (3m)*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G. Sh
24/04/23*