

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS:1K-209

Dated: 15-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Semra**
Block: **Gaur**
District: **Basti**
State: **Uttar Pradesh**
Date of Logging: **14-01-2023**
Drilling Depth: **138.0 m bgl**
Logging Depth: **136.0 m bgl**
Rm - **19.0 Ω m** Rw - **22.0 Ω m**

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd. Basti, U.P.

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 - 38	14	Good
2.	42 - 46	04	Good
3.	52 - 62	10	Good
4.	65 - 75	10	Good
5.	84 - 88	04	Good
(6.)	93 - 96	03	Good
7.	121 - 125	04	Good
8.	132 - 136	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 6 is Fine to medium Sand in Nature.
3. Zone Sl. No. 7 is medium sand in Nature

Verified as per logs provided.
Note - Sr No 5-85-88 (3m)

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
16/01/23