

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:1K-232

Dated: 18-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Beldari Shukul**
Block: **Harriya**
District: **Basti**
State: **Uttar Pradesh**
Drilling Depth: **150.0 m bgl**
Logging Depth: **140.0 m bgl**
Date of logging: **18-01-2023**
Rm - **18.5 Ωm** Rw - **17.5 Ωm**

Borehole Drilled by: M/s MEIL Limited, Basti, 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.	17 - 24	07	Good
2.	43 - 50	07	Good
3.	54 - 64	10	Good
4.	70 - 76	06	Good
5.	83 - 90	07	Good
6.	115 - 122	07	Good
7.	132 - 139	07	Good

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

*Verified as per logs provided.
Note - Sr No 4 - 72-76 (4m)
↓
G.Sh
19/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)