

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: 116

Dated: 12-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bubupur**
Block: **Shukl Bazar**
District: **Amethi**
State: **Uttar Pradesh**
Drilling Depth: **165.0 m bgl**
Logging Depth: **154.0 m bgl**
Date of logging: **11-04-2023**
Rm - **12.0 cm** Rw - **13.0 cm**

Borehole Drilled by: M/s Welspun Enterprises, Amethi, 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.	16 - 19	03	Good
2.	25 - 32	07	Good
3.	36 - 45	09	Good
4.	58 - 64	06	Good
5.	70 - 77	07	Good
6.	90 - 99	09	Good
7.	106 - 113	07	Good

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

2. Quality of ground water is deteriorating Marginal to Saline below 116.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

For Geo Instruments & Technic's

Note. SrNo 4 - 60-64 (4m) *S. Shukla*

SrNo 5 - 71-77 (6m)

GSh
12/04/23