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# 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: 24

Dated: 03-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Baithu  
 Block: Khudebhar  
 District: Sultanpur  
 State: Uttar Pradesh  
 Date of Logging: 01-04-2023  
 Drilling Depth: 285.0 m bgl  
 Logging Depth: 268.0 m bgl  
 Rm - 9.0 Om Rw - 8.0 Om

Borehole Drilled by: M/s Vikram Engineering Pvt. Ltd, Sultanpur, 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.	16 - 20	04	Good
2.	28 - 34	06	Good
3.	37 - 46	09	Good
4.	58 - 61	03	Moderate
5.	98 - 110	12	Good
6.	116 - 126	10	Good
7.	130 - 139	09	Good

- Note: ~~1. Fine bands of kankar are intermixed with almost all the zones.~~  
~~2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.~~  
~~3. Quality of ground water is deteriorating Marginal to Saline in between 67.0 to 90.0 & below 150.0 m bgl to till depth logged.~~  
~~4. Predominated Clay is present in depth range 90.0 to 98.0 m bgl.~~

Verified as per  
 Geo. Technic's

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)

03/04/23