

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 253

Dated: 23-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhawanganwa  
Block: Bhadhalya  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 23-04-2023  
Drilling Depth: 240.0 m bgl  
Logging Depth: 237.0 m bgl  
Rm - 16.0 Cm Rw - 15.0 Cm

Borehole Drilled by: M/s K2 Infra, 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.	18 - 21	03	Good
2.	24 - 44	20	Good
<del>3.</del>	<del>57 - 64</del>	<del>07</del>	<del>Good</del>
<del>4.</del>	<del>68 - 71</del>	<del>03</del>	<del>Good</del>
<del>5.</del>	<del>78 - 85</del>	<del>07</del>	<del>Good</del>
<del>6.</del>	<del>88 - 91</del>	<del>03</del>	<del>Good to Moderate</del>

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating Marginal to Saline & below 98.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided*

*GSh  
25/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

