

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: P/JM:22-23:LS: 459

Dated: 08-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Surauli (I)
Block: Jaisanghpur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 07-08-2022
Drilling Depth: 170.0 m bgl
Logging Depth: 169.0 m bgl
Rm - 70.0 Qm Rain water is mixed Rm - 13.0 Qm (Tubewell Water)

Borehole Drilled by: M/s. Gayatri Projects Limited, Sultanpur, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N-18"), Long Normal (N-64") and Lateral (B") 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.	32 - 51	19	Good
2.	58 - 62	04	Good
3.	65 - 68	03	Good
4.	70 - 75	05	Good
5.	82 - 98	08	Good
6.	114 - 120	06	Good

Note: 1. Very thin bands of Kankar are intermixed almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below 130.0 m bgl to till depth Logged.

Verified as per logs provided.

For Geo Instruments & Technics

(S. Shukla)

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