

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: 323
Dated: 19-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kotliya
Block: Kurwar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 18-06-2022
Drilling Depth: 170.0 m bgl
Logging Depth: 162.0 m bgl
Rm - 16.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: Gayatri Projects Limited, Sultanpur, 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.	20 - 23	03	Good
2.	29 - 35	06	Good
3.	40 - 46	06	Good
4.	56 - 60	04	Good
5.	68 - 72	04	Good
6.	80 - 90	10	Good
7.	110 - 114	04	Moderate
8.	122 - 132	10	Moderate to Marginal

Note: 1. Zones Sl. No. 4 and 5 are Fine Sand in nature.

2. Fine Bands of Kankar are intermixed with almost all the Zones.

3. Quality of Ground Water is deteriorating Marginal to Saline below 140.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

Verified as per
logs provided.
Note: Sr No 6 - may consider
as 03-90 (7m).

S. Shukla
(S. Shukla)

C. Ch
ASSISTANT HYDROGEOLOGIST
20/06/2022

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