

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: 4/7

Dated: 20-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kuddupur
Block: Sirkauni
District: Jaunpur
State: Uttar Pradesh
Drilling depth: 330.0 m bgl
Logging depth: 125.0 m bgl
Date of logging: 20-07-2022
Rm - 9.0 Ω m Rw - 12.0 Ω m

Borehole Drilled By: Welspun Enterprises, Jaunpur, Uttar Pradesh, India.

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:

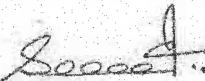
Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	20 - 30	10	Good
2.	40 - 46	06	Good
3.	50 - 56	06	Good

Note: 1. Zone Sl. No. 3 are Fine Sand in nature.

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

3. Quality of Ground Water is deteriorating Marginal to Saline below 73.0 m bgl to till depth Logged.

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(S. Shukla)

Verified as per logs provided.

S. Shukla
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JAL NIGAM (RURAL)
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Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UK:21-22:LS: 417-A

Dated: 20-07-2022

Inferred Lithological Report with respect to Electrical Logging

Site: Kuddupur

Block: Sirkauni

Distt: Jaunpur

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Inferred Lithology
1.	05 - 14	09	Surface Soil
2.	14 - 20	06	Sandy Clay
3.	20 - 30	10	Sand
4.	30 - 40	10	Clay
5.	40 - 46	04	Sand
6.	46 - 50	04	Clay
7.	50 - 56	06	Sand
8.	56 - 63	07	Clay
9.	63 - 66	03	Fine Sand intermixed with Kanker
10.	66 - 75	09	Clay intermixed with Kanker
11.	75 - 80	05	Clay
12.	80 - 95	15	Very Fine Sand, Clay and Kanker intercalation
13.	95 - 97	02	Clay
14.	97 - 104	07	Sand intermixed with Kanker
15.	104 - 109	05	Clay
16.	109 - 115	06	Very Fine Sand intermixed with Clay Kanker
17.	115 - 118	03	Clay
18.	118 - 120	02	Very Fine Sand
19.	120 - 215	95	Clay and Kanker intercalation

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(S. Shukla)