

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:21-22:LS: 138

Dated: 16-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Amaiyamau**
Block: **Mandhata**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging Depth: **308.0 m bgl**
Date of logging: **16-09-2022**
Rm - 00.0 Ω m Rw - 00.0 Ω m

Borehole Drilled by: **M/s JMC India Limited, Pratapgarh, U. P.**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (L-6')** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 - 28	08	Good
2.	31 - 34	03	Good
3.	36 - 40	04	Good
4.	116 - 123	07	Good
5.	127 - 133	06	Good
6.	173 - 177	04	Good
7.	190 - 194	04	Good
8.	204 - 208	04	Good
9.	214 - 218	04	Good

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.

~~2.~~ Zones Sl. No. 8 and 9 are Fine Sand in nature.

~~3.~~ Quality of Ground Water is deteriorating Marginal to Saline below 260.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*Verified as per logs provided.
Note: Sr No 9 - may consider as 215 - 218 (3m).*

G.I.T.
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