

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 692

Dated: 05-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Natohi-2** ✓
 Block: **Kalakankar**
 District: **Pratapgarh**
 State: **Uttar Pradesh**
 Date of Logging: **04-11-2023**
 Logging Depth: **186.0 m bgl**
 Rm – **12.0 Ωm** Rw – **13.0 Ωm**

Latitude: **25.804680** Longitude: **81.392355**

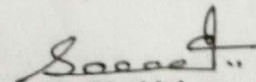
Borehole Drilled by: **M/s Power Mech Project Limited, Pratapgarh, Uttar Pradesh, India.**

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 (meter)	Remark (Quality of Aquifer Water)
1.	57 – 64	07	Good
2.	67 – 74	07	Good
3.	78 – 85	07	Good
4.	96 – 100	04	Good
5.	164 – 168	04	Good

- Note:
- Zones Sl. No. 3 is intermixed with fine bands of kankar.
 - Zones Sl. No. 4 is fine sand & highly intermixed with fine bands of kankar.
 - Quality of ground water is deteriorating marginal to saline in between 34.0 to 46.0 m bgl.
 - Quality of ground water is deteriorating in between 126.0 to 158.0 m bgl.
 - Predominated Clay is present in depth range 48.0 to 56.0 & 158.0 to 163.0 m bgl.

For Geo Instruments & Technic's


 (S. Shukla)