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# 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: 846  
Dated: 05-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sehura Kalan**  
Block: **Rudhauri**  
District: **Basti**  
State: **Uttar Pradesh**  
Date of Logging: **03-12-2022**  
Drilling Depth: **144.0 m bgl**  
Logging Depth: **126.0 m bgl**

Borehole Drilled by: M/s VSAIPPL-SCL-Joint Venture, Basti, U. P.

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.	25 - 29	04	Good
<del>2.</del>	38 - 45	07	Good
<del>3.</del>	48 - 58	10	Good
<del>4.</del>	62 - 65	03	Good
<del>5.</del>	73 - 77	04	Good
<del>6.</del>	80 - 87	07	Good
<del>7.</del>	112 - 115	03	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 3 is highly intermixed with thin bands of Kankar.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*Verified as per logs provided.*  
↓  
*GSh*  
*05/12/22*

Regd. Office : V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005



SEHURA KALA W/C) scheme DIST BASTI

- ⇒ BORE WELL - 550X500
- ⇒ TUBE WELL = 200X150
- ⇒ D/L = 132/120
- ⇒ DISCHARGE = 550 LPM
- ⇒ DOL = .7/12/22

LOGGING REPORT

- ① 25-29 = 04
- ② 38-45 = 07
- ③ 48-58 = 10
- ④ 62-65 = 03
- ⑤ 73-77 = 04
- ⑥ 80-87 = 07
- ⑦ 112-115 = 03

TOTAL LOWERING

118.00  
 -10.50  
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 118.50M

VBK  
 J.E.

