

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:23-24:LS: 180

Dated: 17-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Majhauwa
Block: Khuniyaon
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 174.0 m bgl
Logging Depth: 164.0 m bgl
Date of logging: 15-04-2023
Rm - 18.0 cm Rw - 14.0 cm

Borehole Drilled by: M/s VSAIPPL-SCL (JV), VEEPL Siddharth Nagar, 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.	18 - 25	07	Good
2.	40 - 47	07	Good
3.	55 - 59	04	Good
4.	62 - 66	04	Good
5.	71 - 77	06	Good
6.	80 - 84	04	Good
7.	90 - 94	04	Good
8.	99 - 103	04	Good
7.	124 - 128	04	Good
8.	133 - 143	10	Good
9.	160 - 163	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 8 & 9 are highly intermixed with fine bands of kankar.

Verified as per
logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G Sh
18/04/23

2600 lpm, dt. 19/4/23

$$= 300 \times 150 \text{ mm } \Phi$$
$$= 18 \text{ m}$$

Status As per logging:-

$$1 - 18 - 25 = 07$$
$$2 - 40 - 47 = 07$$

3 - 55 - 59 = 04

4 - 62-66 = 04

5 - 71-77 = 06 = 6

$$6 - 80 - 84 = 04 = 3$$

7 - 90 - 94 = 04

8 - 99 - 103 = 04

8. $124 - 128 = 04$

9. $133 - 143 = 10 = 9$

11. $160 - 163 = 3$

cutting 6" slotted pipe: -

6.00 $\rightarrow$ 3.00 + 3.00
✓ ✓

6" Plain

$$6.00 \rightarrow 5.25 + 0.75$$

$6.00 \rightarrow 3.50 + 2.00 + 0.50$
 6.00

