

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: PJM:23-24:LS: 292

Dated: 27-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kataria Pandey
Block: Bhanwapur
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 168.0 m bgl
Date of logging: 26-04-2023
Rm - 21.0 Ω m Rw - 38.0 Ω m

Borehole Drilled by: M/s SCL Infratech Ltd. 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.	20 - 24	04	Good
2.	28 - 43	15	Good
3.	47 - 57	10	Good
4.	66 - 75	09	Good
5.	91 - 95	04	Good
6.	104 - 111	07	Good
7.	126 - 130	04	Good
8.	136 - 143	07	Good
9.	155 - 159	04	Good
10.	164 - 167	03	Good

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

2. Zone Sl. No. 5 is fine sand in nature.

For Geo Instruments & Technic's

(Signature)
(S. Shukla)

Verified as per logs provided

G. Shukla
28/04/23

Phase - 3

classmate

Date _____
Page _____

para karungo Gram Panchayat w.s. Talwandi - 814400

Block, Bharuapur

0.50

$$= 5.50 \text{ spm}$$

$$= 165/150 \text{ m}$$

$$= 200 \times 150 \text{ mm } \phi$$

$$= 18 \text{ m}$$

Strata As per logging.

$$1-20-24 = 04$$

$$2-28-43 = 15$$

$$47-57 = 10$$

$$4-66-75 = 09 = 6$$

$$5-91-95 = 04$$

$$6-104-111 = 07 = 6$$

$$7-126-130 = 04$$

$$8-136-143 = 07 = 6$$

$$9-155-159 = 04$$

$$10-164-167 = 03$$

Cutting 6" Plain

$$6.00 \rightarrow 2.00 + 4.00$$

* 2.55 m is already
laid at site

26	6.00	0.50
25	6.03	
24	6.03	
23	6.03	
22	6.00	
21	6.01	
20	6.01	
		41.61
		0.20 m
		41.81
19	6.00	
18	6.00	
17	5.99	
16	2.55	
		26.54
15	6.00	
	" "	
	" "	68.35
14	" "	6.09
	" "	
	" "	74.44
13	6.02	
12	6.01	
11	6.03	
		30.06
10	6.00	
9	6.00	
	" "	
	" "	104.50
8	" "	6.02
	" "	
	" "	110.52
7	6.00	
6	6.00	
5	6.00	
		26.00
4	2.00	
3	6.00	
	" "	
	" "	136.52
2	" "	6.00
	" "	
	" "	142.52
1	6.02	
		149.04
		148.54 + 0.50

