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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:21-22:LS: I K

Dated: 23-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Balibhaddarpur Gobaraha
Block: Khuniyaon
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 170.0 m bgl
Date of logging: 23-12-2022
Rm -23.0Ωm Rw - 24.0Ωm

Borehole Drilled by: M/s SCL Infratech Ltd, Siddharth Nagar, Uttar Pradesh.

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 - 35	10	Good
2.	49 - 59	10	Good
3.	64 - 74	10	Good
4.	81 - 85	04	Good
5.	102 - 106	04	Good
6.	119 - 126	07	Good
7.	137 - 144	07	Good
8.	150 - 154	04	Good
9.	166 - 170	04	Good

Note: 1. Fine to very fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 5 is Fine to Medium Sand in Nature.

3. Zone Sl. No. 6 is highly intermixed with very thin bands of Kankar.

Verified as per logs provided.

*G Sh
27/12/22*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Balubhaddipur

Q = 600 lpm
 = 165/150m
 = 300 x 150mm
 = 18 m

Gobinda - Khurijam (fall) field

6.00 m

Strata Ar per logging -

1- 25-35 = 10

2- 49-59 = 10

3- 64-74 = 10 = 6

4- 81-85 = 4

5- 102-106 = 4

6- 119-126 = 7 = 6

7- 137-144 = 7 = 6

8- 150-154 = 4

9- 166-170 = 4

25	6.01	
24	5.99	
23	5.90	
22	6.00	
21	6.06	
20	6.03	
19	6.01	
18	6.02	41.50 m
17	6.03	0.20 m
16	6.01	41.70 m
15	6.00	= 24.06 m
14	" " "	65.76
13	" " "	6.01
12	6.00	71.77
11	5.99	
10	6.00	= 47.75 m
9	6.02	
8	5.99	
7	6.00	
6	5.75	
5	" " "	119.52
4	" " "	5.98
3	" " "	125.50
2	6.01	= 12.02
1	6.01	137.52
0	" " "	6.01
0	" " "	143.53
0	6.00	
0		149.53 + 0.50
0		= 150.03 m

Cutting

6th Plane

6.00 → 5.75 + (0.25)
 ✓ X