

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-22-23:LS:1K- 290
 Dated: 23-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bagdila Modi Nankar
 Block: Dumariaganj
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 175.0 m bgl
 Logging Depth: 174.0 m bgl
 Date of logging: 23-01-2023
 Rm - 40.0 Ω m Rw - 82.0 Ω m (Pond Water)

Borehole Drilled by: M/s SCL Infratech Limited, 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.	17 - 21	04	Good
2.	25 - 32	07	Good
3.	43 - 63	20	Good
4.	78 - 93	15	Good
5.	100 - 104	04	Good
6.	121 - 128	07	Good
7.	160 - 170	10	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 3 & 6 are highly intermixed with thin bands of kankar.

Verified as per logs provided
 GSh
 24/01/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

JANUARY
2022
Week 3

Basdila Modi Nankar
Block - Dumeriyagaj

Tlw Siddharth Nagar
Saturday

15

Q = 700
= 300 x 150 mm φ
= 165 / 150 m
= 24 m
17 - 21 = 4
25 - 32 = 7
43 - 63 = 20
78 - 93 = 15 = 12
100 - 104 = 4 = 3
121 - 128 = 7 = 6
160 - 170 = 10 m = 6

= 134 m

172

180 m — Payment

Cutting 6" Slott
6.01 → 3.00 + 3.01 X

6" Plain
6.01 → 2.50 + 2.20 + 1.31 X

24	6.01	
23	6.00	
22	6.00	
21	6.02	= 42.10
20	6.04	
19	6.01	
18	6.02	41.60
		.20
		41.80
17	6.00	
16	6.00	
15	5.98	
14	5.99	= 38.47
13	6.00	
12	2.50	
11	6.00	90.27
10	" " " "	6.02 = 12.03
9	" " " "	6.01 = 92.30
8	6.03	= 168.23
7	2.20	1000.53
6	" " " " "	3.00
5	6.00	016-349
4	6.00	103.53
3	6.01	= 18.01
2	" " " " "	6.01
1	" " " " "	127.55
	6.02	

JAN	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
01	30	31	-	-	-	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

133.57
50