

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: 729
 Dated: 12-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Badhya
 Block: Bhanwapur
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 170.0 m bgl
 Logging Depth: 169.0m bgl
 Date of logging: 11-06-2023
 Rm - 14.0 Ω m Rw - 18.0 Ω m

Q = 450 LPM
 T/w size = 150 x 200mm
 165/150
 Slotted = 18m

Borehole Drilled by: M/s SCL infratech Ltd (VSA-SCL), 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.	21-25	04	Good
2.	44-51	07	Good
3.	54-57	03	Good
4.	63-73	10	Good
5.	78-88	10 = 6	Good
6.	92-99	07 = 6	Good
7.	102-109	07 = 6	Good
8.	126-130	04	Good
9.	141-145	04	Good
10.	157-161	04	Good

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

Verified as per logs provided.

Note - Sr No 9-142-145 (3w) | G.Sh 170623

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

Budhya Tyoe W.D. 77w Siddhasthnaagar Block-Bhanvapur

Q = 700 lpm
 = 16.5/150
 = 300x150mmφ
 = 24m

strata Aiper logging :-

1. 16-21 = 5
2. 27-31 = 4
3. 44-49 = 5
4. 51-64 = 13
5. 69-73 = 4
6. 86-91 = 5
7. 94-101 = 7 = 6
8. 119-126 = 7 = 6
9. 136-142 = 6 = 5
10. 147-154 = 7 = 6

28	6.00	0.50m
27	6.03	
26	6.04	
25	6.01	
24	6.05	
23	6.02	
22	6.02	41.67
		0.20
		41.87
21	6.00	
20	6.00	
19	6.00	
18	6.01	
17	6.00	52.65m
16	6.01	
15	6.00	
14	6.02	
13	4.60	94.52
12	" " "	6.00
11	6.02	100.52
10	1.40	18.95
9	6.03	
8	5.50	
7	" " "	119.47
7	" " "	6.04
6	6.00	125.51
5	5.00	= 11
4	" " "	136.51
4	" " "	5.00
3	6.02	141.51
2	" " "	147.53
2	" " "	6.01
		153.54
1	6.00	
	0	157.54

flowmet.
 "
 "
 "
 "

Cutting 6" slott

6.00 → 5.00 + 1.00

6" Plane

6.00 → 4.60 + 1.40

6.01 → 5.50 + 0.50

6.00 → 5.00 + 1.00

G.P. Badiya
Block Bhanwadpur.
Actual Pipe Measurement

1, 10, 29

Page _____
Date _____

Slotted Pipe 150 mm Dia

- 1. 6.00 ✓
- 2. 5.99 ✓
- 3. 6.00

Plain Pipe 150 mm Dia

- 4. 6.00 ✓
- 5. 6.02 ✓
- 6. 5.99 ✓
- 7. 6.01 ✓
- 8. 5.99 ✓
- 9. 5.99 ✓
- 10. 6.00
- 11. 5.99
- 12. 5.99 Reducer
- 13. 6.00
- 14. 6.01
- 15. 6.00 $\Rightarrow 4.00 + 2.00$
- 16. 6.03 $\Rightarrow 4.20 +$
- 17. 6.00
- 18. 6.02 ✓
- 19. 2.53 ✓
- 20. 1.97 ✓

Plain Pipe 200 mm Dia

- (21) 6.01 ✓
- (22) 5.99 ✓
- (23) 6.04 ✓
- (24) 6.04 ✓
- (25) 5.99 ✓
- (26) 6.00 ✓
- (27) 6.02 ✓