



GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Gajauli Kala, Block Gaiandas Buzurg, District:- Balrampur
2. Dt. Of logging:- 30.09.2020
3. Drilled depth(as reported by concerned JE):- 300.0 mbgl
4. Logged depth:- 300.0 mbgl
5. Logger used:- AquaXplore , Lucknow
6. Concerned JE :- Er. Satyam Mishra, JE
7. Based on the geophysical log interpretation following granular zones may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Zones (mbgl)	Thickness(mts.)	Remarks
1	33.0-36.0	3.0	Good
2	39.0-42.0	3.0	Good
3	44.0-48.0	4.0	CLAY
4	63.0-68.0	5.0	CLAY
6	70.0-74.0	4.0	Good, very fine sand pebbles intermixed
7	75.0-78.0	3.0	CLAY
8	100.0-103.0	3.0	CLAY
9	103.0-110.0	7.0	Good
10	110.0-114.0	4.0	CLAY
11	115.0-118.0	3.0	Good, very fine sand pebbles intermixed
12	120.0-122.0	2.0	CLAY
13	124.0-127.0	3.0	CLAY
14	128.0-135.0	7.0	Good
15	136.0-140.0	4.0	CLAY
16	160.0-162.0	2.0	Good
17	163.0-166.0	3.0	CLAY
18	166.0-168.0	2.0	Good
19	175.0-178.0	3.0	Good, very fine sand pebbles intermixed
20	181.0-184.0	3.0	CLAY

21	210.0-215.0	5.0	CLAY
22	216.0-223.0	7.0	Good
23	224.0-228.0	4.0	CLAY
24	262.0-264.0	2.0	CLAY
25	264.0-268.0	4.0	Good
26	269.0-271.0	2.0	CLAY
27	272.0-276.0	4.0	Good interbedded with very fine band sandy clay
28	277.0-279.0	2.0	CLAY
29	280.0-284.0	4.0	Good
30	284.0-286.0	2.0	CLAY



(Dr. S.Sahai)

Manager (Groundwater)

EE, CD(E/M), UPJN, Gonda for information and necessary action.



Manager (Groundwater)

CONSTRUCTION DIVISION (E/M), U.P. JAL NIGAM, GONDA

J.E. Incharge.. SATYAM MISHRA

A.E. Incharge.. Er. JAGVANDAN

ABSTRACT

1- Drilling Started 17/9/2020
2- Date of Logging 30/9/2020
2- Date of Zone Testing 4/10/2020, 6/10/2020, 8/10/2020
2- Drilling Completed 31/10/2020
2- Date of Lowering 01/11/2020
3- Drilling Depth 300.00 m
4- Assembly Lowering 290.16 m
5 200 mm Housing Pipe 46.01 m
6 100 mm Plain Pipe 219.89 m
7 100 mm Sotted Pipe 24.06 m
8 200 X 150 Reducer 0.20 m
9- 90 mm PVC Pipe.....m

1. 216 m BGL to 223 m BGL on dt 04/10/2020
2. 128 m BGL to 135 m BGL on dt 06/10/2020
3. 103 m BGL to 110 m BGL on dt 08/10/2020

1. 33-36 - G	10. 115-118 - G	19. 181-184 - C
2. 39-42 - G	11. 120-122 - C	20. 210-215 - C
3. 44-48 - C	12. 124-127 - C	21. 216-223 - G
4. 63-68 - C	13. 128-135 - G	22. 224-228 - C
5. 70-74 - G	14. 136-140 - C	23. 262-264 - C
6. 75-78 - C	15. 160-162 - G	24. 264-268 - G
7. 100-103 - C	16. 163-166 - C	25. 269-271 - C
8. 103-110 - G	17. 166-168 - G	26. 272-276 - G
9. 110-114 - C	18. 175-178 - G	27. 277-279 - C
(E. RIRAM GUPTA)		28. 280-284 - G
Executive Engineer		29. 284-288 - C

(E. JAGVANDAN)
Assistant Engineer

(E) RIRAM GUPTA
Executive Engineer

CONTRACTOR