



GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Gaisari zone 3, Block Gaisari
2. District:- Balrampur
3. Dt. Of logging:- 25.11.2021
4. Drilled Depth:- 220.0mbgl
5. Logged depth:- 220.0 mbgl
6. Logger used:- AquaXplore , Lucknow
7. Concerned JE :- Er. Satyam Mishra, JE
8. 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	71.0-81.0	10.0	Good
2	85.0-87.0	2.0	CLAY
3	88.0-95.0	7.0	Good
4	109.0-112.0	3.0	CLAY
6	138.0-143.0	5.0	Good
7	151.0-153.0	2.0	CLAY
8	167.0-169.0	2.0	CLAY
9	170.0-180.0	10.0	Good
10	188.0-191.0	3.0	CLAY
11	206.0-210.0	4.0	CLAY
12	217.0-238.0	21.0	Good

(Dr. S.Sahai)

Manager (Groundwater)

EE, CD(E/M), UPJN(Gramin), Gondafor information and necessary action.

Manager (Groundwater)

OFFICE OF THE EXECUTIVE ENGINEER,

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

COMPLETION PLAN OF GAINSARI WISSEME ZONE-III T/W DISTRICT BALRAMPUR
 TYPE OF RIG M/C R.C. RIG MACHINE SIZE OF BORE 550 x 500 MM SIZE OF TW ASSEMBLY 200 x 150 MM
 STATIC WATER LEVEL MIS DHARMDAL TALUWA

J.E. Incharge SATYAM MISHRA

A.E. Incharge Er. JAGVANDAN

DEPTH B.G.L. METER	BORING CHART	STRATA	0.50m	ASL	ASSEMBLY DETAILS
3.00m		SURFACE CLAY	6.00		200 m.m. Dia Housing Pipe AGLO 50m to G.L. m
		SANDY CLAY WITH KANKAR	5.98 5.99 6.00 6.04		200 m.m. Dia Housing Pipe BGL G.L. to 45.15 m BGL
25.00m	550MM	CLAY WITH KANKAR	6.00		m.m. Dia Housing Pipe to m
35.00m		SANDY CLAY	6.00 1.55 2.09 6.00		200x150 m.m. Dia Reducer 45.15MBGL to 45.33 m BGL
49.00m		CLAY	6.00	45.15m	150 m.m. Dia Plain Pipe 45.33MBGL to 71.40 m BGL
58.00m		CLAY INTERMIXED WITH KANKAR	6.00	45.33m	150 m.m. Dia Slotted Pipe 71.40MBGL to 80.60 m BGL
68.00m		FINE SAND + KANKAR	2.07		150 m.m. Dia Plain Pipe 80.60MBGL to 89.20 m BGL
70.00m		FINE SAND	5.99 3.20	71.40m	150 m.m. Dia Slotted Pipe 89.20MBGL to 94.50 m BGL
82.00m		HARD CLAY	6.01	80.60m	150 m.m. Dia Plain Pipe 94.50MBGL to 139.30 m BGL
88.00m		FINE SAND	2.59	89.20m	150 m.m. Dia Slotted Pipe 139.30MBGL to 142.50 m BGL
95.00m		SANDY CLAY	2.86 5.98 5.99	94.50m	150 m.m. Dia Plain Pipe 142.50MBGL to 170.40 m BGL
99.00m	500MM	SANDY CLAY WITH KANKAR INTERMIXED CLAY	6.00		150 m.m. Dia Slotted Pipe 170.40MBGL to 179.60 m BGL
110.00m		SANDY CLAY	6.00		150 m.m. Dia Plain Pipe 179.60MBGL to 185.62 m BGL
114.00m		FINE SAND	5.98		m.m. Dia Slotted Pipe to m
136.00m		CLAY + KANKAR	4.00	139.30m	m.m. Dia Plain Pipe to m
144.00m		SANDY CLAY WITH KANKAR	6.00	142.50m	m.m. Dia Slotted Pipe to m
150.00m		CLAY	6.00		m.m. Dia Plain Pipe to m
153.00m		SANDY CLAY WITH KANKAR	6.00		m.m. Dia Slotted Pipe to m
165.00m		CLAY	6.00		m.m. Dia Plain Pipe to m
167.00m		FINE SAND	5.99 3.21	170.40m	m.m. Dia Slotted Pipe to m
181.00m		CLAY + KANKAR	6.02	179.60m	m.m. Dia Plain Pipe to m
188.00m			0	185.62m	m.m. Dia Slotted Pipe to m
214.00m					m.m. Dia Plain Pipe to m
216.00m					

Total Assembly 186.12m

A.G.L 0.50m

B.G.L 185.62m

ABSTRACT

1. Drilling Started 21-11-2021
2. Date of Logging 25-11-2021
2. Date of Zone Testing 26-11-21, 28-11-21, 30-11-21
2. Drilling Completed 9-12-2021
2. Date of Lowering 10-12-2021
3. Drilling Depth 220.00 m
4. Assembly Lowering 186.12 m
5. 200 mm Housing Pipe 45.65 m
6. 150 mm Plain Pipe 113.40 m
7. 150 mm Slotted Pipe 26.89 m
8. 200x150 Reducer 0.18 m
9. 90 mm PVC Pipe

LOGGING REPORT on Dated 25-11-2021

1. 71-81-10m G 8. 167-169-2m C
2. 85-87-2m C 9. 170-180-10m G
3. 88-95-7m G 10. 188-191-3m C
4. 109-112-3m C 11. 206-210-4m C
5. 138-143-5m G 12.
6. 151-153-2m C
7. 167-169-2m C

ZONE TESTING (Depth in (m) on Dated

1. 170 to 180 MBGL 26-11-21
2. 88 to 95 MBGL 28-11-21
3. 71 to 81 MBGL 30-11-21

(SATYAM MISHRA)
Junior Engineer

(Er. JAGVANDAN)
Assistant Engineer

(Er. SRIRAM GUPTA)
Executive Engineer

4.41m
(Contractor)