



GRAM :- JAL NIGAM

Phone:- 0522 - 2620173, 2620272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Vishunpur Kala, Block Gaisari, District:- Balrampur
2. Dt. Of logging:- 26.02.2021
3. Drilled depth(as reported by JE):- 440.0 mbgl, Logged depth:- 426.0 mbgl
4. Logger used:- AquaXplore , Lucknow
5. Concerned JE :- Er. Satyam Mishra, JE
6. 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	58.0-60.0	2.0	Good, fine sand
2	81.0-85.0	4.0	Good, fine sand
3	141.0-143.0	2.0	Good, fine sand
4	147.0-150.0	3.0	Good, fine sand
6	209.0-213.0	4.0	Good, fine sand
7	245.0-250.0	5.0	Good, fine sand
8	312.0-320.0	8.0	Good ✓
9	322.0-340.0	8.0	Good ✓
10	343.0-346.0	3.0	Good
11	368.0-375.0	7.0	Good
12	383.0-405.0	22.0	Good ✓
13	410.0-417.0	7.0	Good
14	422.0-425.0	3.0	Good, fine sand

All zones are kanker intermixed.

(Dr. S.Sahai)

Manager (Groundwater)

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

Manager (Groundwater)

OFFICE OF THE EXECUTIVE ENGINEER,

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

COMPLETION PLAN OF BISHUNPUR KALAWIS SCHEME

DISTRICT SAURAMPUR

TYPE OF RIG M/C DC R.C. RIG MACHINE SIZE OF BORE 550 x 500 mm SIZE OF TW ASSEMBLY 200 x 150 mm

STATIC WATER LEVEL 0.15 m NAME OF CONTRACTOR M/S. RAMRAJ MISHRA

J.E. Incharge SATYAM MISHRA

A.E. Incharge ET. JAGVANDAN

DEPTH B.G.L. METER	BORING CHART	STRATA	OSM	AGL	ASSEMBLY DETAILS
3.0 mt		SURFACE CLAY			200 m.m. Dia Housing Pipe AGL 0.50 m to 44.49 m BGL
18.0 mt		SANDY CLAY			m.m. Dia Housing Pipe BGL to m
		CLAY + KANKAR			m.m. Dia Housing Pipe to m
30.0 mt		SANDY CLAY WITH KANKAR			200 x 150 m.m. Dia Reducer 44.49 m BGL to 44.64 m BGL
		INTERMIXED VERY FINE SAND			150 m.m. Dia Plain Pipe 44.64 m BGL to 317.07 m BGL
55.0 mt		CLAY + KANKAR			150 m.m. Dia Slotted Pipe 317.07 m BGL to 319.09 m BGL
88.0 mt		VERY FINE SAND			150 m.m. Dia Plain Pipe 319.09 m BGL to 333.06 m BGL
139.0 mt		CLAY + KANKAR			150 m.m. Dia Slotted Pipe 333.06 m BGL to 339.07 m BGL
160.0 mt		VERY FINE SAND			150 m.m. Dia Plain Pipe 339.07 m BGL to 368.49 m BGL
205.0 mt		CLAY			150 m.m. Dia Slotted Pipe 368.49 m BGL to 374.52 m BGL
260.0 mt		VERY FINE SAND			150 m.m. Dia Plain Pipe 374.52 m BGL to 384.04 m BGL
310.0 mt		CLAY + KANKAR			150 m.m. Dia Slotted Pipe 384.04 m BGL to 396.19 m BGL
		FINE SAND			m.m. Dia Plain Pipe to m
					m.m. Dia Slotted Pipe to m
325.0 mt		FINE SAND + KANKAR			m.m. Dia Plain Pipe to m
					m.m. Dia Slotted Pipe to m
342.0 mt		FINE SAND			m.m. Dia Plain Pipe to m
348.0 mt		CLAY INTERMIX WITH KANKAR			m.m. Dia Slotted Pipe to m
365.0 mt		FINE SAND			m.m. Dia Plain Pipe to m
378.0 mt		CLAY			m.m. Dia Slotted Pipe to m
380.0 mt		FINE SAND + KANKAR			m.m. Dia Plain Pipe to m
409.0 mt		VERY FINE SAND			m.m. Dia Slotted Pipe to m
430.0 mt		SANDY CLAY			m.m. Dia Plain Pipe to m
440.0 mt					

Total Assembly 402.72 m
A.G.L. 0.50 m
B.G.L. 402.22 m

ABSTRACT

- 1- Drilling Started 03/02/2021
- 2- Date of Logging 26/02/2021
- 2- Date of Zone Testing 28/02/2021, 01/03/2021, 02/03/2021
- 2- Drilling Completed 09/03/2021
- 2- Date of Lowering 10/03/2021
- 3- Drilling Depth 440.00 m
- 4- Assembly Lowering 402.72 m
- 5- 200 mm Housing Pipe 44.99 m
- 6- 150 Plain Pipe 372.01 m
- 7- 150 Slotted Pipe 30.21 m
- 8- 200 x 150 Reducer 0.15 m
- 9- 90 mm PVC Pipe m

ZONE TESTING (Depth in (m) on Dated

1. 383 mtr to 405 mtr dt 28/02/2021
2. 332 mtr to 340 mtr dt 01/03/2021
3. 312 mtr to 320 mtr dt 02/03/2021

LOGGING REPORT on Dated 26/02/2021

1. 58-60 G.F.S. 8. 332-340 G
2. 81-85 G.F.S. 9. 343-346 G
3. 141-143 G.F.S. 10. 368-375 G
4. 147-150 G.F.S. 11. 383-405 G
5. 209-213 G.F.S. 12. 410-417 G
6. 245-250 G.F.S. 13. 422-425 G.F.S.
7. 312-320 G

(SATYAM MISHRA)
Junior Engineer

(ET. JAGVANDAN)
Assistant Engineer

(ET. SATYAM GUPTA)
Executive Engineer

(M/S. RAMRAJ MISHRA)