

Complete

GRAM :- JAL NIGAM

Phone:- 0522 - 2620173, 2620272



UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Shivnagar, Block Haraiya Satdharwa
2. District:- Balrampur
3. Dt. Of logging:- 31.10.2020
4. Drilled depth(as reported by concerned JE):- 222.0 mbgl
5. Logged depth:- 222.0 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	29.0-39.0	10.0	Good
2	48.0-62.0	14.0	CLAY
3	63.0-73.0	10.0	Good
4	78.0-80.0	2.0	CLAY
6	85.0-87.0	2.0	CLAY
7	88.0-82.0	4.0	Good
8	94.0-101.0	7.0	Good
	102.0-106.0	4.0	CLAY
9	107.0-114.0	7.0	Good
10	115.0-124.0	9.0	CLAY
11	125.0-138.0	13.0	Good
12	138.0-146.0	8.0	CLAY
13	147.0-154.0	7.0	Good
14	156.0-162.0	6.0	Good
15	164.0-169.0	5.0	Good
16	169.0-172.0	3.0	CLAY
17	173.0-180.0	7.0	Good

OFFICE OF THE EXECUTIVE ENGINEER,

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

COMPLETION PLAN OF S.H. VANAGIAR WIS SCHEME

DISTRICT BALRAMPUR

TYPE OF RIG M/C..... R.C. RIG MACHINE..... SIZE OF BORE 6.75 x 500 mm

SIZE OF TW ASSEMBLY 300 x 150 mm

STATIC WATER LEVEL..... NAME OF CONTRACTOR M/S. SHAKEEL AHMAD KHAN

J.E. Incharge SATYAM MISHRA

A.E. Incharge EX. JAGVANDAN

DEPTH B.G.L. METER	BORING CHART	STRATA	Q.S.M.	AGL	ASSEMBLY DETAILS
3.00 m		<u>SURFACE CLAY</u>	3.11		300 m.m. Dia Housing Pipe AGL 0.50 m to 45.38 m BGL
		VERY FINE SAND	6.10		m.m. Dia Housing Pipe BGL to m
			6.09		m.m. Dia Housing Pipe to m
26.0 m	675 mm φ	FINE SAND	6.12		300 x 150 m.m. Dia Reducer 45.38 m BGL to 45.58 m BGL
			6.13		150 m.m. Dia Plain Pipe 45.58 m BGL to 107.50 m BGL
41.0 m		SANDY CLAY	6.12		150 m.m. Dia Slotted Pipe 107.50 m BGL to 113.59 m BGL
			6.10		150 m.m. Dia Plain Pipe 113.59 m BGL to 125.66 m BGL
47.0 m		CLAY	6.11	45.38 m	150 m.m. Dia Slotted Pipe 125.66 m BGL to 137.60 m BGL
			0.20	45.58 m	150 m.m. Dia Plain Pipe 137.60 m BGL to 147.60 m BGL
64.0 m		CLAY	6.02		150 m.m. Dia Slotted Pipe 147.60 m BGL to 153.34 m BGL
			6.09		150 m.m. Dia Plain Pipe 153.34 m BGL to 156.89 m BGL
76.0 m		FINE SAND	6.09		150 m.m. Dia Slotted Pipe 156.89 m BGL to 159.89 m BGL
			6.04		150 m.m. Dia Plain Pipe 159.89 m BGL to 164.39 m BGL
88.0 m		CLAY	6.09		150 m.m. Dia Slotted Pipe 164.39 m BGL to 167.39 m BGL
			6.04		150 m.m. Dia Plain Pipe 167.39 m BGL to 173.42 m BGL
100.0 m		FINE SAND WITH KANKAR INTERMIX	6.04		150 m.m. Dia Slotted Pipe 173.42 m BGL to 179.46 m BGL
107.0 m		CLAY + KANKAR	6.03		150 m.m. Dia Plain Pipe 179.46 m BGL to 185.49 m BGL
115.0 m		FINE SAND	6.11	107.50 m	m.m. Dia Slotted Pipe to m
			1.47	113.59 m	m.m. Dia Plain Pipe to m
123.0 m	500 mm φ	CLAY	6.09		m.m. Dia Slotted Pipe to m
			6.04		m.m. Dia Plain Pipe to m
141.0 m		FINE SAND	6.03		m.m. Dia Slotted Pipe to m
144.0 m		CLAY	5.97	125.66 m	m.m. Dia Plain Pipe to m
			5.97	137.60 m	Total Assembly 185.99 m
168.0 m		CLAY	6.00		A.G.L 0.50 m
170.0 m			4.00	147.60 m	BGL 185.49 m
182.0 m		FINE SAND WITH SAND	5.74	153.34 m	
			2.03	156.89 m	ABSTRACT
186.0 m		STONE	1.52	159.89 m	1- Drilling Started 26/10/2020
			3.00	164.39 m	2- Date of Logging 31/10/2020
222.0 m		CLAY	4.50	167.39 m	2- Date of Zone Testing
			3.00	173.42 m	2- Drilling Completed 6/11/2020
		FINE SAND	6.03	179.46 m	2- Date of Lowering 7/11/2020
			6.04	185.49 m	3- Drilling Depth 222.00 m
		SANDY CLAY	6.03		4- Assembly Lowering 185.99 m
		CLAY + KANKAR			5- 300 mm Housing Pipe 45.88 m
					6- 150 mm Plain Pipe 104.10 m
					7- 150 mm Slotted Pipe 35.81 m
					8- 300 x 150 Reducer 0.20 m
					9- 90 mm PVC Pipe m

ZONE TESTING (Depth in (m) on Dated

- 1- _____
- 2- _____
- 3- _____

LOGGING REPORT on Dated

- 1- 29-39 8.102-106 clay 15.164-169
- 2- 48-62 clay 9.107-114 16.169-172 clay
- 3- 63-73 10.115-124 clay 17.173-180
- 4- 78-80 clay 11.125-138
- 5- 85-87 clay 12.138-146 clay
- 6- 88-92 13.147-154
- 7- 94-101 14.156-162

(SATYAM MISHRA)
Junior Engineer

(EX. JAGVANDAN)
Assistant Engineer

(EX. SRIRAM GUPTA)
Executive Engineer

CONTRACTOR