



GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Tendwa Tappa Bunk, Block Gaindas Buzurg
2. District:- Balrampur
3. Dt. Of logging:- 04.11.2020
4. Drilled depth(as reported by concerned JE):- 165.0 mbgl
5. Logged depth:- 154.0 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	21.0-27.0	6.0	Good
2	28.0-32.0	4.0	CLAY
3	33.0-38.0	5.0	Good
4	39.0-48.0	9.0	CLAY
6	49.0-60.0	11.0	Good
7	61.0-66.0	5.0	CLAY
8	68.0-72.0	4.0	Good
9	76.0-86.0	10.0	Good
10	88.0-102.0	14.0	CLAY
11	113.0-118.0	5.0	Good
12	120.0-142.0	22.0	Good

(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 TENDAWA TAPPA BUNK W/S SCHEME T/W NO-1 DISTRICT BALRAMPUR
 TYPE OF RIG M/C R.C. RIG MACHINE SIZE OF BORE 675x550mm SIZE OF TW ASSEMBLY 300x200mm
 STATIC WATER LEVEL 015 JIVDHAN PANDEY

J.E. Incharge SATYAM MISHRA

A.E. Incharge EX. JAGVANDAN

DEPTH B.G.L. METER	BORING CHART	STRATA	DEM	AGL	ASSEMBLY DETAILS
3.00m		SURFACE CLAY	3.00		300 m.m. Dia Housing Pipe AGL 0.60m to 45.19 m BGL
9.0m		SANDY CLAY	6.11		m.m. Dia Housing Pipe BGL to m
20.0m	675 mm	VERY FINE SAND	6.10		m.m. Dia Housing Pipe to m
26.0m		FINESAND	6.11		300x200m.m. Dia Reducer 45.19m BGL to 45.39 m BGL
34.0m		CLAY	6.12		200 m.m. Dia Plain Pipe 45.39m BGL to 76.47 m BGL
41.0m		FINESAND	6.11		200 m.m. Dia Slotted Pipe 76.47m BGL to 85.67 m BGL
		CLAY	6.12		200 m.m. Dia Plain Pipe 85.67 m BGL to 120.50 m BGL
		FINESAND	6.12		200 m.m. Dia Slotted Pipe 120.50m BGL to 141.50 m BGL
		CLAY WITH KANKAR	6.12	45.19m	200 m.m. Dia Plain Pipe 141.50m BGL to 147.64 m BGL
51.00m		CLAY WITH KANKAR	0.20	45.39m	m.m. Dia Slotted Pipe to m
		FINE SAND	6.15		m.m. Dia Plain Pipe to m
62.0m		FINE SAND	6.11		m.m. Dia Slotted Pipe to m
		CLAY WITH KANKAR	6.13		m.m. Dia Plain Pipe to m
67.0m		CLAY WITH KANKAR	0.40		m.m. Dia Slotted Pipe to m
		FINE SAND	6.15		m.m. Dia Plain Pipe to m
		FINE SAND	6.14	76.47m	m.m. Dia Slotted Pipe to m
			6.13		m.m. Dia Plain Pipe to m
			3.07	85.67m	m.m. Dia Slotted Pipe to m
88.0m	550mm	CLAY INTERMIXED WITH KANKAR	6.13		m.m. Dia Plain Pipe to m
95.0m		CLAY	6.13		m.m. Dia Slotted Pipe to m
105.0m		SANDY CLAY	6.14		m.m. Dia Plain Pipe to m
112.0m		FINE SAND	6.12		m.m. Dia Slotted Pipe to m
		SANDY CLAY	6.15		m.m. Dia Plain Pipe to m
		FINE SAND	4.16	120.50m	Total Assembly 148.24m
			6.15		AGL 0.60m
			6.14		BGL 147.64m
			2.58	141.50m	
143.0m		SANDY CLAY	6.14	147.64m	
157.0m		CLAY	0		
165.0m		CLAY			

ABSTRACT

- 1- Drilling Started 28/10/2020
- 2- Date of Logging 04/11/2020
- 2- Date of Zone Testing
- 2- Drilling Completed 9/11/2020
- 2- Date of Lowering 10/11/2020
- 3- Drilling Depth 165.00 m
- 4- Assembly Lowering 148.24 m
- 5- 300mm Housing Pipe 45.79 m
- 6- 200 Plain Pipe 72.05 m
- 7- 200 Slotted Pipe 30.20 m
- 8- 300mm Reducer 0.20 m
- 9- 90 mm PVC Pipe.....m

LOGGING REPORT on Dated

- 1- 21-27 8.76-86
- 2- 28-32 clay 9.88-102 clay
- 3- 33-38 10-113-118
- 4- 39-48 clay 11.120-142
- 5- 49-60
- 6- 61-66 clay
- 7- 68-72

ZONE TESTING (Depth in (m) on Dated

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

(SATYAM MISHRA)
Junior Engineer

(E. JAGVANDAN)
Assistant Engineer

(EX. SRIRAM GUPTA)
Executive Engineer

For JIVDHAN PANDEY

Authorised Signatory