GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

Ref :- _____ Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Kharch, Block Hariharpur Rani
2. District:- Shrawasti
3. Dt. Of logging:-. 24.12.2020
4. Drilled depth(as reported):- 165.0 mbgl
5. Logged depth:- 165.0mbgl
6. Logger used.:- AquaXplore, Lucknow
7. Concerned JE:- Er. Ravindra Kumar, 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	22.0-39.0	17.0	Good
2	40.0-46.0	6.0	CLAY
3	50.0-57.0	7.0	Good
4	59.0-76.0	17.0	Good
5	77.0-81.0	4.0	CLAY
6	81.0-88.0	7.0	Good
7	92.0-99.0	7.0	Good
8	100.0-110.0	10.0	CLAY
9	111.0-118.0	7.0	Good
10	123.0-128.0	5.0	CLAY
11	129.0-142.0	13.0	Good

(Dr. S.Sahai)
Manager (Ground Water)

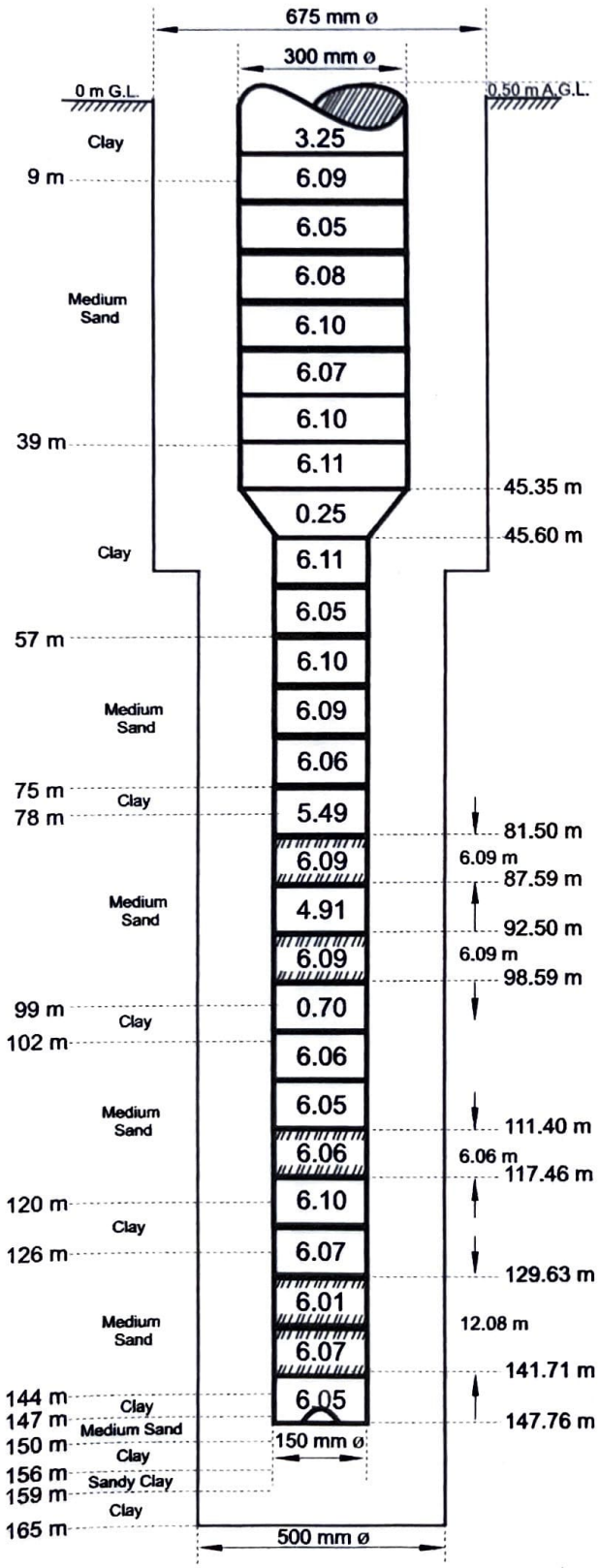
c.c.

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

Manager (Ground Water)

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION (E/M)
UTTAR PRADESH JAL NIGAM, GONDA

Actual Strata Chart And Assembly Lowered of KHARCH T/W District - Shravasti, Under Jal Jeevan Mission Programme



01. Required Discharge	= 1000 LPM
02. Bore Size	= 675x500 mm ø
03. Assembly Size	= 300x150 mm ø
04. Drilling Depth	= 165.00 m
05. Logging Depth	= 165.00 m
06. Date Of Logging	= 24/12/2020
07. Date Of Lowering	= 26/12/2020
08. Type of Rig M/C	= RC

Logging Report

S. No.	Depth Range (mbgl)	Thickness (m)	Remarks
1	22.0-39.0	7.0	Good
2	**40.0-46.0**	**6.0**	**Clay**
3	**50.0-57.0**	**7.0**	**Clay**
4	59.0-76.0	17.0	Good
5	77.0-81.0	4.0	Good
6	81.0-88.0	7.0	Good
7	92.0-99.0	7.0	Good
8	**100.0-110.0**	**10.0**	**Clay**
9	111.0-118.0	7.0	Good
10	**123.0-128.0**	**5.0**	**Clay**
11	129.0-142.0	13.0	Good

01. 300 mm Ø Housing Pipe	=	45.85 m
02. 150 mm Ø Plain Pipe	=	71.84 m
03. 150 mm Ø Slotted Pipe	=	30.32 m
04. 300x150 mm Ø Reducer	=	0.25 m
Total Assembly	=	148.26 m
Less A.G.L.	=	(-) 0.50 m
Total Lowering	=	**147.76 m (B.G.L.)**

M/s S.K.G. Trading Company, Lakheempur (Contractor)

Er. Ravindra Kumar (Junior Engineer)

Er. S.K. Yadav (Assistant Engineer)

Er. S.R. Gupta (Executive Engineer)