GRAM:-JAL NIGAM



UTTAR PRADESH JAL NIGAM

Ref:-	Dated :-	
Kel		

GEOPHYSICAL LOGGING REPORT

- 1. Name of the site:- Khargaura Basti, Ikauna
- 2. District:- Shrawasti
- 3. Dt. Of logging:-. 20.10.20
- 4. Drilled depth(as reported):- 165.0 mbgl
- 5. Logged depth:- 155.0mbgl
- 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	22.0-41.0	19.0	Good
2	61.0-68.0	7.0	Good
3	71.0-78.0	7.0	Good
4	86.0-99.0	13.0	Good
5	106.0-122.0	16.0	Good
6	127.0-137.0	10.0	Good

(Dr. S.Sahai)

Stahan

Manager (Ground Water)

c.c.

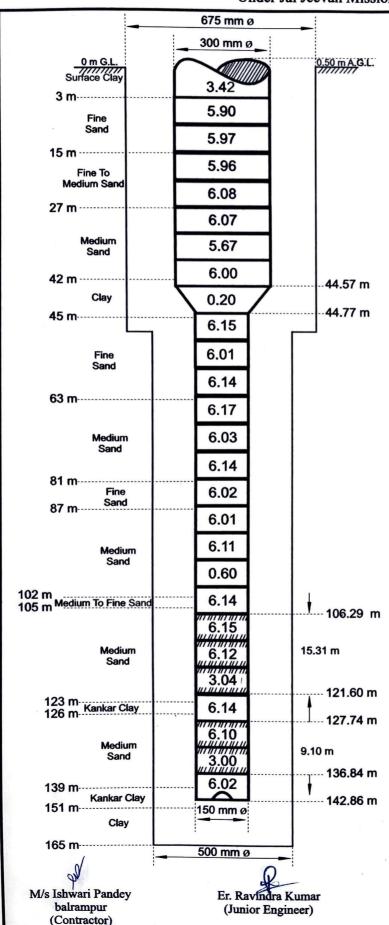
1. EE, CD(E/M), UPJN, Gonda for information and necessary action.

Manager (Ground Water)



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

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



01. Required Discharg	e = 700 LPM
02. Bore Size	$= 675 \times 500 \text{ mm } \emptyset$
03. Assembly Size	$=300x150 \text{ mm } \emptyset$
04. Drilling Depth	= 165.00 m
05. Logging Depth	= 155.00 m
06. Date Of Logging	= 20/10/2020

07. Date Of Lowering = 26/10/2020

08. Type of Rig M/C = RC

Logging Report						
S. No.	Depth Range (mbgl)	Thickness (m)	Remarks			
1	22.0-41.0	19.0				
2	61.0-68.0	7.0				
3	71.0-78.0	7.0	Good All			
4	86.0-99.0	13.0				
5	106.0-122.0	16.0				
6	127.0-137.0	10.0				

Total Lowering	g =	142.86m	(B.G.L.)
Less A.G.L	. = ((-) 0.50 m	
Total Assembly	<i>y</i> =	143.36 m	
04. 300x150 mm Ø Reducer	=	0.20 m	
03. 150 mm Ø Slotted Pipe	=	24.41 m	
02. 150 mm Ø Plain Pipe	=	73.68 m	
01. 300 mm Ø Housing Pipe	e =	45.07 m	

Er. S.K. Yadav (Assistant Engineer) Er. S.R. Gupta
(Executive Engineer)