



GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Kalyanpur, Block Ikauna
2. District:- Shrawasti
3. Dt. Of logging:- 12.12.2020
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	18.0-39.0	21.0	Good
2	47.0-67.0	20.0	Good
3	83.0-96.0	13.0	Good
4	102.0-112.0	10.0	Good
5	118.0-137.0	19.0	Good
6	152.0-162.0	10.0	Good

(Dr. S.Sahai)

Manager (Ground Water)

c.c.

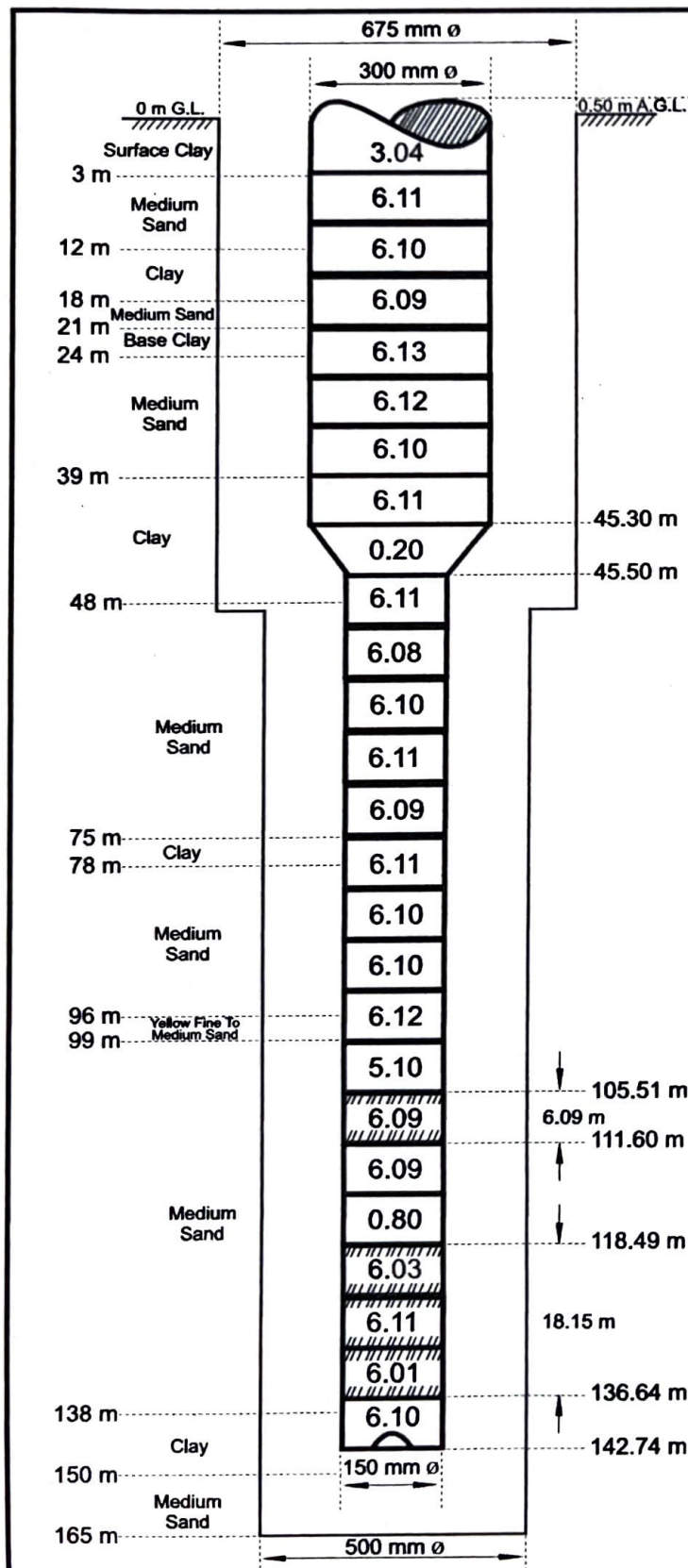
1. EE, CD(E/M), UPJN, Gonda for information and necessary action.

Manager (Ground Water)



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

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



01. Required Discharge = 700 LPM
02. Bore Size = 675x500 mm ϕ
03. Assembly Size = 300x150 mm ϕ
04. Drilling Depth = 165.00 m
05. Logging Depth = 165.00 m
06. Date Of Logging = 12/12/2020
07. Date Of Lowering = 14/12/2020
08. Type of Rig M/C = RC

Logging Report

S. No.	Depth Range (mbgl)	Thickness (m)	Remarks
1	18.0-39.0	21.0	Good All
2	47.0-67.0	20.0	
3	83.0-96.0	13.0	
4	102.0-112.0	10.0	
5	118.0-137.0	19.0	
6	152.0-162.0	10.0	

01. 300 mm ϕ Housing Pipe = 45.80 m

02. 150 mm ϕ Plain Pipe = 73.00 m

03. 150 mm ϕ Slotted Pipe = 24.24 m

04. 300x150 mm ϕ Reducer = 0.20 m

Total Assembly = 143.24 m

Less A.G.L. = (-) 0.50 m

Total Lowering = 142.74 m (B.G.L.)

M/s Shakeel Ahmad
Balrampur
(Contractor)

Er. Ravindra Kumar
(Junior Engineer)

Er. S.K. Yadav
(Assistant Engineer)

Er. S.R. Gupta
(Executive Engineer)