



UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Dingurajot, Ikauna, District:- Shrawasti
2. Dt. Of logging:- 24.11.20
3. Drilled depth(as reported):- 165.0 mbgl
4. Logged depth:- 165.0mbgl
5. Logger used:- AquaXplore, Lucknow
6. Concerned JE:- Er. Ravindra Kumar, JE
7. 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	30.0-40.0	10.0	Good
2	46.0-50.0	4.0	Good
3	52.0-60.0	8.0	CLAY
4	66.0-77.0	11.0	Good
5	80.0-86.0	6.0	CLAY
6	87.0-97.0	10.0	Good
7	98.0-102.0	4.0	CLAY
8	105.0-116.0	11.0	Good
9	118.0-120.0	2.0	CLAY
10	121.0-132.0	11.0	Good
11	136.0-140.0	4.0	Good
12	141.0-145.0	4.0	CLAY
13	146.0-151.0	5.0	Good
14	153.0-158.0	5.0	CLAY
15	160.0-165.0	5.0	Good

(Dr. S.Sahai)

Manager (Ground Water)

c.c.

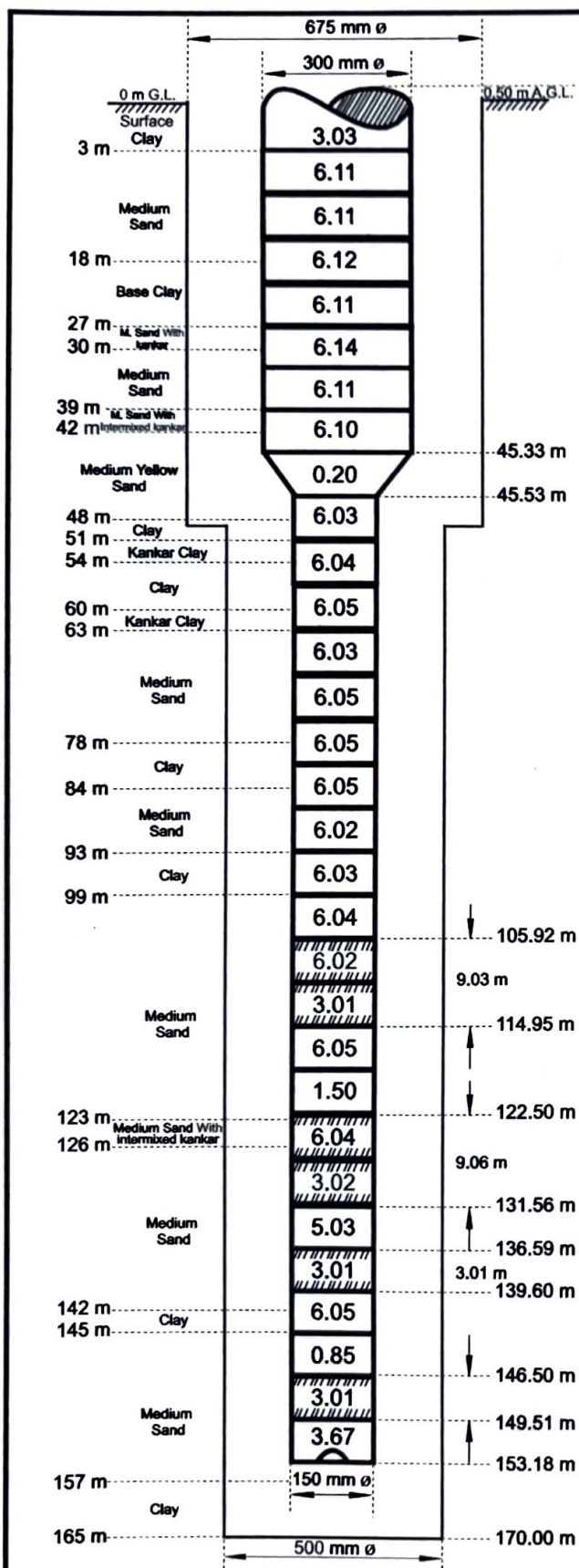
1. EE, CD(E/M), UPJN, Gonda for information and necessary action.

Manager (Ground Water)



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

Actual Strata Chart And Assembly Lowered of **DINGURAJOT T/W** District - Sharavasti,
Under Jal Jeevan Mission Programme.



01. Required Discharge = 1100LPM
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 = 24/11/2020
07. Date Of Lowering = 25/11/2020
08. Type of Rig M/C = RC

Logging Report

S. No.	Depth Range (mbgl)	Thickness (m)	Remarks
1	30.0-40.0	10.0	Good
2	46.0-50.0	4.0	Good
3	52.0-60.0	8.0	Clay
4	66.0-77.0	11.0	Good
5	80.0-86.0	6.0	Clay
6	87.0-97.0	10.0	Good
7	98.0-102.0	4.0	Clay
8	105.0-116.0	11.0	Good
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10	121.0-132.0	11.0	Good
11	136.0-140.0	4.0	Good
12	141.0-145.0	4.0	Clay
13	146.0-151.0	5.0	Good
14	153.0-158.0	5.0	Clay
15	160.0-165.0	5.0	Good

01. 200 mm ϕ Housing Pipe = 45.83 m
02. 150 mm ϕ Plain Pipe = 83.54 m
03. 150 mm ϕ Slotted Pipe = 24.11 m
04. 200x150 mm ϕ Reducer = 0.20 m
- Total Assembly = 153.68 m
- Less A.G.L. = (-) 0.50 m
- Total Lowering = 153.18 m (B.G.L.)

M/s Ishwari Pandey,
Balrampur
(Contractor)

Er. Ravindra Kumar
(Junior Engineer)

Er. S.K. Yadav
(Assistant Engineer)

Er. S.R. Gupta
(Executive Engineer)