



GRAM :- JAL NIGAM

Phone:- 0522 – 2620173, 2620272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Manvaria Dewan, Jamunia
2. District:- Shrawasti
3. Dt. Of logging:- 10.03.19
4. Drilled depth(as reported):- 155.0 mbgl
5. Logged depth:- 155.0mbgl
6. Logger used:- AquaXplore
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	42.0-48.0	6.0	Good
2	61.0-69.0	8.0	Good
3	72.0-82.0	10.0	Good
4	90.0-104.0	14.0	Good
5	125.0-138.0	13.0	Good
6	142.0-149.0	7.0	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 **MANWARIYA DEEWAN** District - Shravasti,
Under M.S.D.P. Programme

Longitude - 81.6608668

Latitude - 27.8353597

- | | |
|------------------------|----------------|
| 01. Required Discharge | = 900 LPM |
| 02. Bore Size | = 675x500 mm Ø |
| 03. Assembly Size | = 300x150 mm Ø |
| 04. Drilling Depth | = 155.00 |
| 05. Logging Depth | = 155.00 |
| 06. Date Of Logging | = 10/03/2019 |
| 07. Date Of Lowering | = 15/03/2019 |
| 08. Type of Rig M/C | = RC |

Logging Report

S. No.	Depth Range (mbgl)	Thickness (m)	Remarks
1	42.0-48.0	6.0	Good All
2	61.0-69.0	8.0	
3	72.0-82.0	10.0	
4	90.0-104.0	14.0	
5	125.0-138.0	13.0	
6	142.0-149.0	7.0	

01. 300mm Ø Housing Pipe = 42.13 m

02. 150mm Ø Plain Pipe = 77.64 m

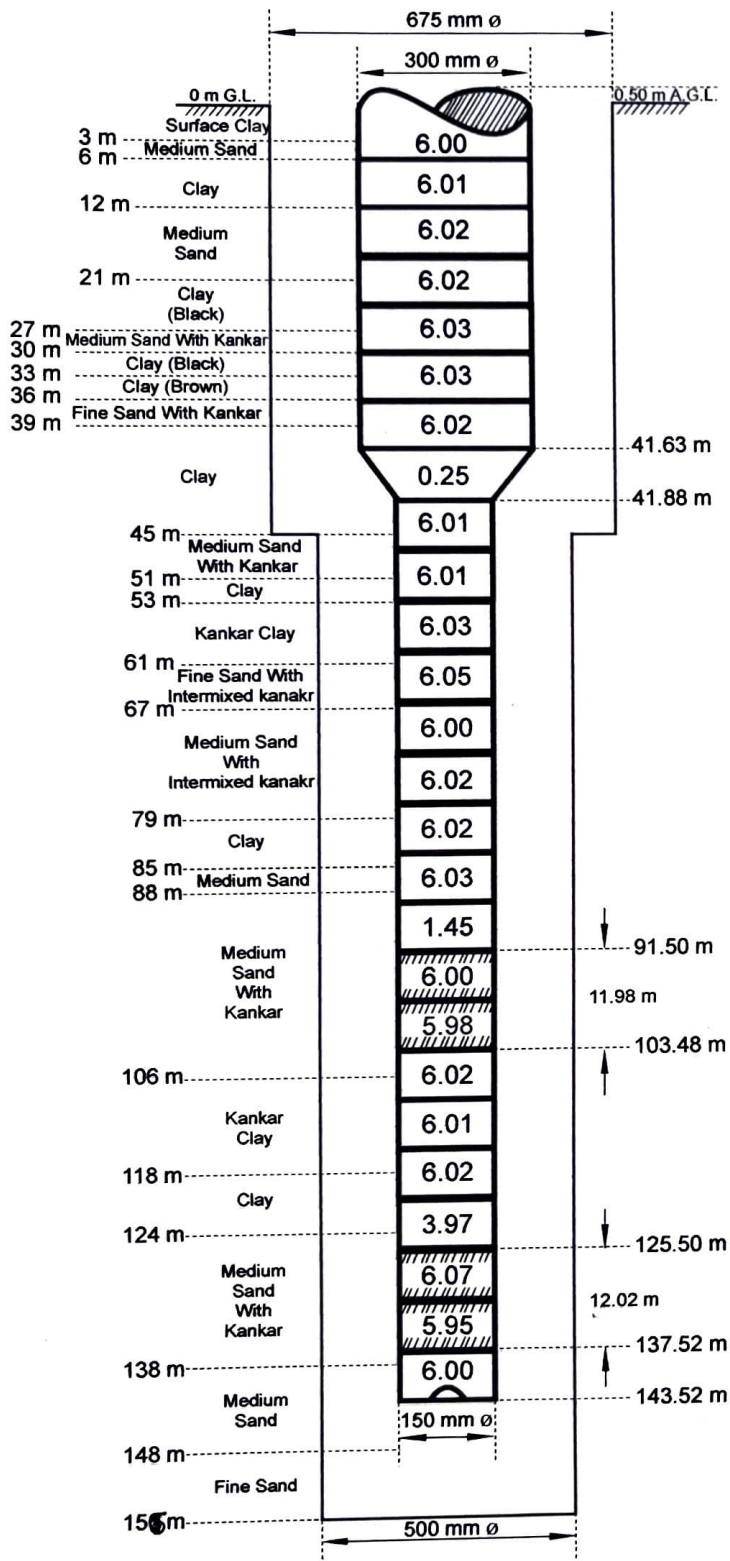
03. 150mm Ø Slotted Pipe = 24.00 m

04. 300x150 mm Ø Reducer = 0.25 m

Total Assembly = 144.02 m

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

Total Lowering = 143.52 m (B.G.L.)



M/s Harish Chandra Singh

M/s Harish Chandra Singh
Gorakhpur
(Contractor)

Er. Ravindra Kumar
(Junior Engineer)

Er. S.K. Yadav
(Assistant Engineer)

Er. S.R. Gupta
(Executive Engineer)