

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

# UTTAR PRADESH JAL NIGAM

Ref :- \_\_\_\_\_

Dated :- \_\_\_\_\_

## GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Mahula Bazaar
2. District:- Azamgarh
3. Dt. Of logging:- 18.10.19
4. Drilled depth( as reported):- 201.0mbgl
5. Logged depth:- 200.00mbgl
6. Logger no:- AquaXplore, Lucknow
7. Concerned JE:- Er. S.P.Yadav, 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	37.0-46.0	9.0	Good, fine sand
2	63.0-71.0	8.0	Good
3	76.0-93.0	17.0	Good
4	144.0-157.0	13.0	Good
5	164.0-171.0	7.0	Good

All zones are kanker intermixed.

(Dr. S.Sahai )

Manager ( Ground Water )

E, TCD(E/M), UP Jal Nigam, Mau for information and necessary action.

Manager ( Ground Water )



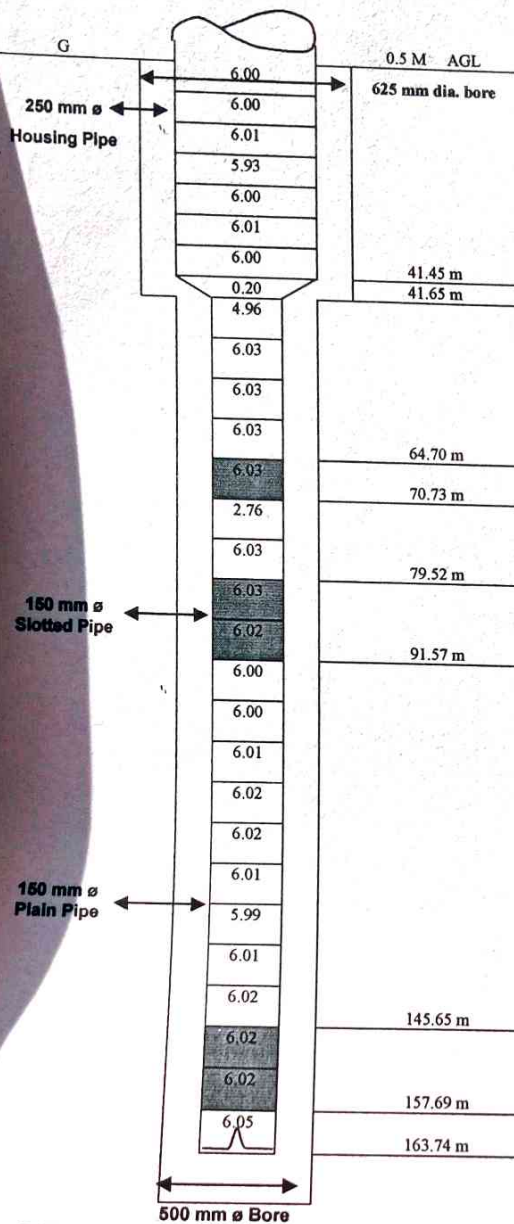
# OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)

## U.P. JAL NIGAM, MAU

### Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Mahula water supply scheme, Block- Azamatgarh , District- Azamgarh.

(Not to Scale)

#### Detail of Strata



#### Detail of Lowering

1	Drilling depth	200 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Drilling started on	09-05-2015
4	Drilling completed on	26-05-2015
5	Date of lowering	27-05-2015
6	Total housing pipe dia 250 mm	41.95 mt.
7	Total Plain pipe dia 150 mm	91.97 mt.
8	Total Slotted pipe dia 150mm	30.12 mt.
9	Size of assembly lowering	250mm $\phi$ x 150 mm $\phi$
10	Static Water level	3.35 mts.

#### Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	6		Clay
6	18		Fine Sand
18	30		Fine sand with Clay
30	36		Kankar Clay with Fine Sand
36	42		Kankar with Clay
42	54		Fine Sand with Kankar
54	64		Clay with kankar
64	72		Very Fine Sand with Kankar
72	78		Clay kankar
78	102		Very Very Fine Sand
102	108		Very Fine Sand
108	114		Very Fine Sand with Kankar
114	126		Clay
126	132		Fine Sand
132	138		Fine Sand with Clay Kankar
138	145		Clay
145	162		Very Fine Sand
162	180		Clay and Kankar with Very Very Fine Sand
180	192		Clay
192	198		Very Fine Sand with Kankar
198	200		Clay with Very Very Fine Sand

#### Logging Report

Date 17-05-2015

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	64.0 - 71.0	7.0	Good All
2	76.0 - 92.0	16.0	
3	143.0 - 158.0	15.0	

(M/S. Shiv Drillers)  
Kolkata  
Contractor

(Surendra Yadav)  
Junior Engineer

(V.K. Singh)  
Assistant Engineer

( N.A. Khan )  
Executive Engineer