



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Maryadpur
2. District:- Mau
3. Dt. Of logging:- 01.12.2017
4. Drilled depth(as reported):- 281.0 mbgl
5. Logged depth:- 280.0 mbgl
6. Logger no.:- AX
7. In the presence of:- Er. Jyoti Ranjan, 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	35.0-45.0	10.0	Good, fine sand, kanker intermixed
2	64.0-68.0	4.0 ✗	Good, fine sand, kanker intermixed
3	75.0-85.0	6 10.0 ✓	Good
4	104.0-108.0	4.0 ✗	Good, fine sand, kanker intermixed
5	121.0-124.0	3 3.0 ✓	Good, fine sand, kanker intermixed
6	193.0-198.0	3 5.0 ✓	Good
7	259.0-280.0	21 21.0 ✓	Good

S. Sahai
(Dr. S.Sahai)

Manager (Groundwater)

c.c.

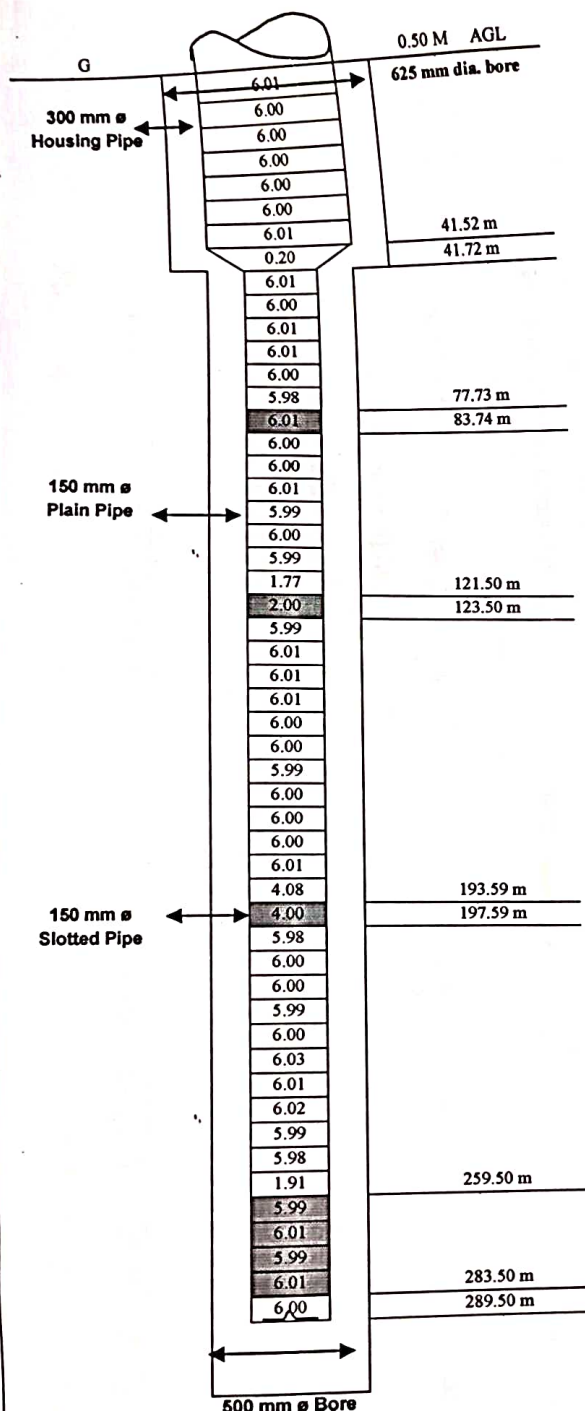
1. EE, TCD(E/M), UP Jal Nigam, Mau for information and necessary action..

S. Sahai
Manager (Groundwater)

OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU
Final Completion Plan of Tube well Assembly Chart cum strata Chart For Maryadpur water supply scheme, Block- Fatehpur Mandaon, District- Mau.

(Not to Scale)

Detail of Strata



AGL + BGL
 0.50 + 289.50 = 290.00 mts.

Detail of Lowering

		Date- 16-12-2017
1	Drilling depth	315 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.02 mt.
4	Total Plain pipe dia 150 mm	211.77 mt.
5	Total Slotted pipe dia 150 mm	36.01 mt.
6	Size of assembly lowering	300mmø x 150 mmø
7	300mmø x 150 mmø M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Clay
3	45	42	Fine Sand
45	64	19	Kankar Clay
64	69	5	Fine Sand intermixed with Kankar
69	75	6	Kankar
75	86	11	Fine Sand with Kankar
86	114	28	Clay
114	120	6	Clay with Kankar
120	132	12	Very Fine Sand
132	192	60	Clay and Kankar
192	198	6	Fine Sand
198	243	45	Kankar Clay
243	258	15	Clay
258	281	23	Medium Sand
281	285	4	Medium Sand
285	295	10	Fine Sand
295	315	15	Sandy Clay

Logging Report

Date 01-12-2017

Sl. N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	35.00 - 45.00	10.00	Good, Fine Sand, Kankar intermixed
2	64.00 - 68.00	4.00	Good, Fine Sand, Kankar intermixed
3	75.00 - 85.00	10.00	Good
4	104.00 - 108.00	4.00	Good, Fine Sand, Kankar intermixed
5	121.00 - 124.00	3.00	Good, Fine Sand, Kankar intermixed
6	193.00 - 198.00	5.00	Good
7	259.00 - 280.00	21.00	Good

M/s Harish Chandra Singh

(M/s Harishchandra Singh)
 Gorakhpur
 Contractor

(J. Ranjan)
 J. E.

(R.B. Ram)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer