



UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Telephone 0522- 2230712
FAX 0522- 2625586

Ref.

Geophysical Borehole Logging Report

Name of the site : Dumraon

District : Mau

Date : 02.09.2016

Depth logged : 240.0 mbgl

Depth drilled : 270.0 mbgl

Logger used : AXWS

Presence : Er. Rajesh Kumar Maurya, J.E.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	68.0-----75.0	7.0	Good all
2	103.0-----110.0	7.0	
3	120.0-----130.0	10.0	
4	148.0-----170.0	22.0	
5	176.0-----180.0	4.0	
6	184.0-----188.0	4.0	
7	199.0-----203.0	4.0	
8	209.0-----213.0	4.0	
9	217.0-----220.0	3.0	

Note. Sl.No. 2 is fine sand & Sl.No 6 is intermixed with kanker.

Copy;

1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Mau
for information and necessary action.

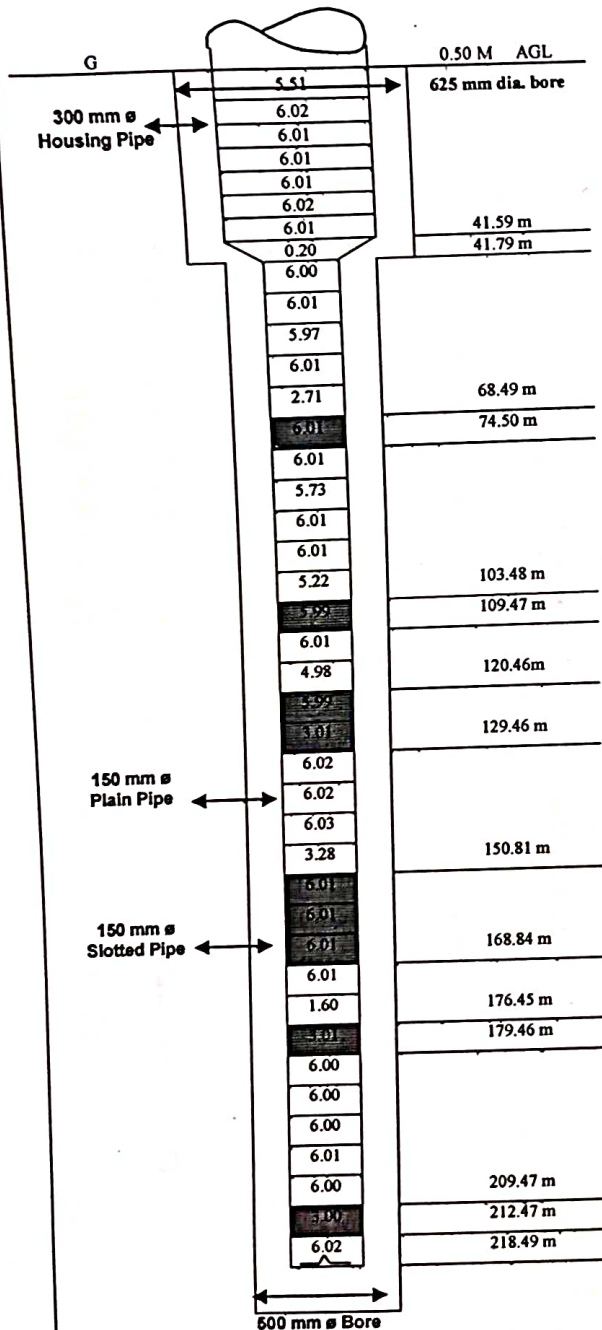
(Dr.R.A.Yadav)
Manager(Ground Water)

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 Dumraon water supply scheme, Block- Pardaha, District- Mau.

(Not to Scale)

Detail of Strata



AGL + BGL
 0.50 + 218.49 = 218.99 mts.

Detail of Lowering

Date- 09-09-2016

1	Drilling depth	270 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.09 mt.
4	Total Plain pipe dia 150 mm	131.66 mt.
5	Total Slotted pipe dia 150 mm	45.04 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	6	6	Surface Soil
6	12	6	Clay Kankar
12	18	6	Fine Sand
18	68	50	Clay with Kankar
68	76	8	Fine to medium Sand
76	85	9	Very Very Fine Sand
85	102	17	Clay Kankar
102	111	9	Kankar with Fine Sand
111	120	9	Kankar Clay
120	132	12	Kankar with Fine to medium Sand
132	141	9	Kankar with Fine Sand
141	150	9	Kankar Clay
150	159	9	Fine Sand
159	183	24	Fine to medium Sand
183	208	25	Sandy Clay with Kankar
208	214	6	Fine Sand with Kankar
214	252	38	Kankar Clay
252	263	11	Clay
263	270	7	Sandy Clay

Logging Report

Date 02-09-2016

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(M/s Harishchandra Singh)
 Gorakhpur
 Contractor

(Rajesh Kumar)
 J. E.

(S.N. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer