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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Sarai Mewa Giri

District : Mau

Date : 11.09.2016

Depth logged : 280.0 mbgl

Depth drilled : 285.0 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	78.0-----85.0	7.0	Good all
2	109.0-----116.0	7.0	
3	135.0-----142.0	7.0	
4	199.0-----204.0	5.0	
5	263.0-----279.0	16.0	

Note. All zones are intermixed with fine bands of kanker. Quality of the formation water is deteriorating marginal to saline in between 220.0 to 255.0 mbgl.

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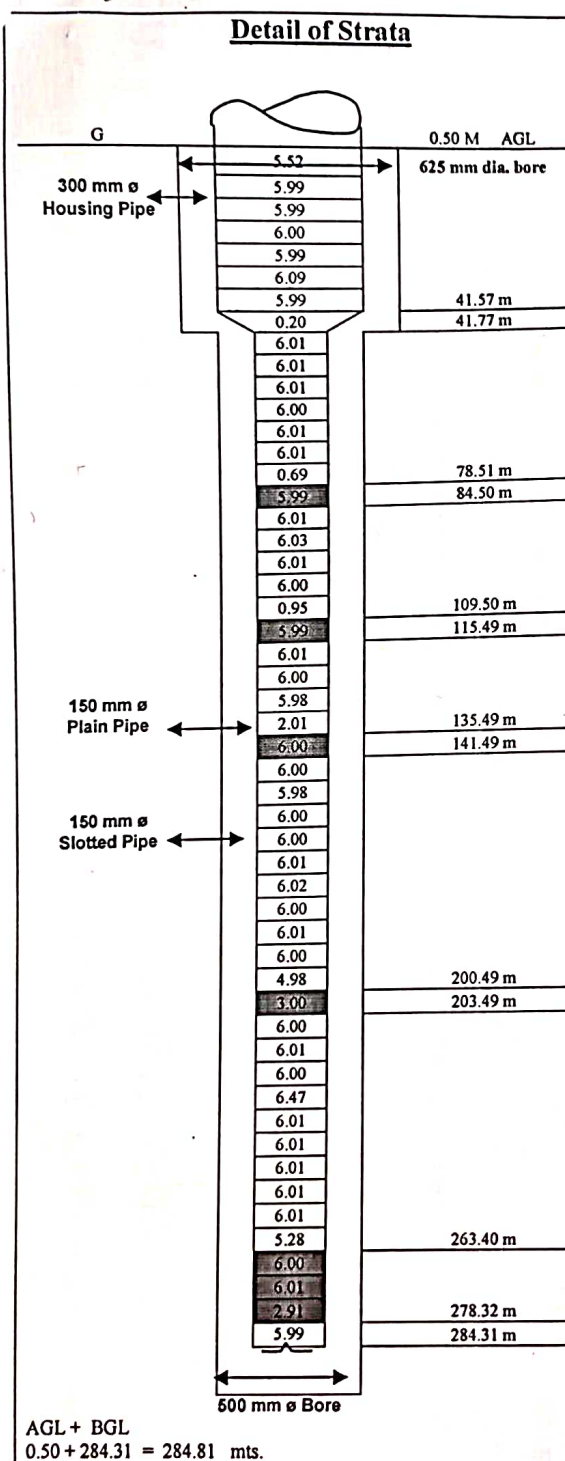
1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Mau
for information and necessary action.

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

U.P. JAL NIGAM, MAU

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Saraimewagiri water supply scheme, Block- Fatehpur Mandaon, District- Mau.

(Not to Scale)



Detail of Lowering		Date- 28-09-2016
1	Drilling depth	285 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.07 mt.
4	Total Plain pipe dia 150 mm	206.64 mt.
5	Total Slotted pipe dia 150 mm	35.90 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	5	5	Surface Soil
5	54	50	Sandy Clay
54	77	13	Kankar Clay
77	84	7	Very-Very Fine Sand
84	109	25	Clay with Kankar
109	117	8	Very-Very Fine Sand with Kankar
117	134	17	Sandy Clay with Kankar
134	142	8	Fine Sand with Kankar
142	198	56	Sandy Clay with Kankar
198	205	7	Fine Sand with Kankar
205	246	41	Sandy Clay with Kankar
246	256	10	Fine Sand intermixed with Kankar
256	262	6	Clay
262	282	20	Fine Sand
282	285	3	Clay

Logging Report			Date	11-09-2016
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(M/s G.T. Drillers & Devlopers)
Lucknow
Contractor

(Rajesh Kumar)
J. E.

(S.N. Singh)
Assistant Engineer

(N.A. Khan)
Executive Engineer