



Telephone 0522- 2230712
FAX 0522- 2625586

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Devdah

District : Mau

Date : 24.12.2015

Depth logged : 130.0 mbgl

Depth drilled : 140.0 mbgl

Logger used : AXWS

Presence : Er. Rajesh Kumar, 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	32.0-----80.0	8.0	Good all
2	52.0-----59.0	7.0	
3	66.0-----70.0	4.0	
4	75.0-----85.0	10.0	
5	95.0-----102.0	7.0	
6	109.0-----114.0	5.0	
7	122.0-----126.0	4.0	

Note. All zones are intermixed with kanker.

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

Copy;

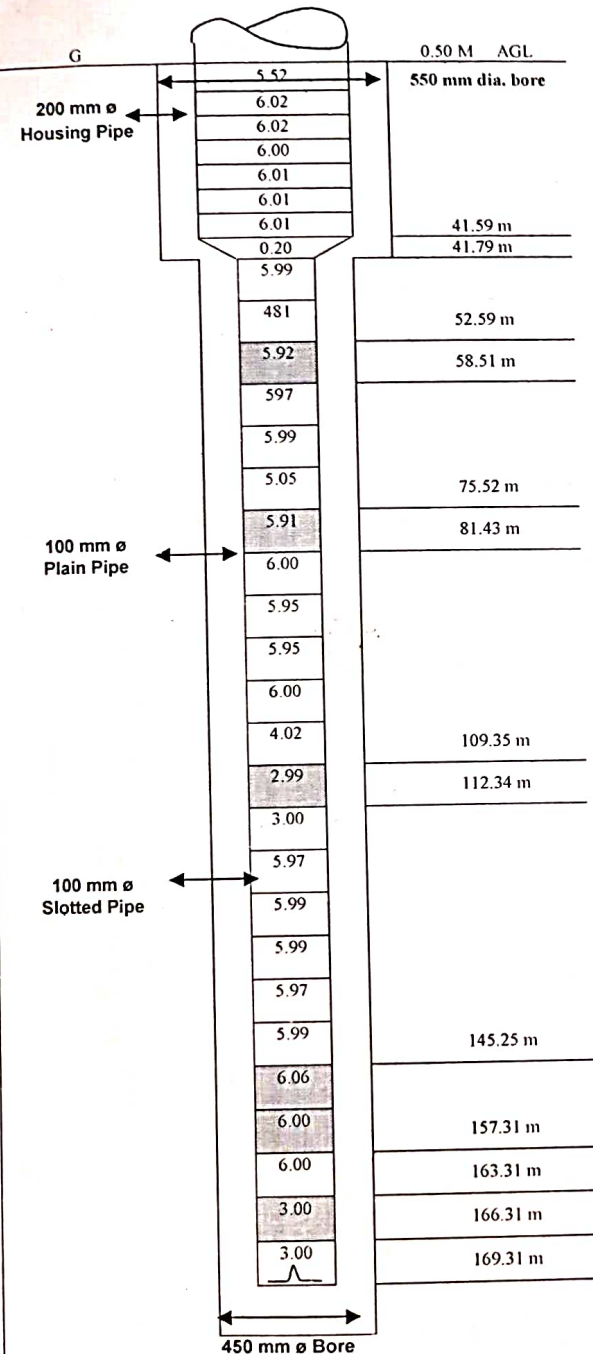
1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Mau for information and necessary action.

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 Deydah
water supply scheme, Block- Raatanpura, District- Mau.

(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	
4	Drilling completed on	
5	Date of lowering	24-01-2016
6	Total housing pipe dia 200 mm	42.09 mt
7	Total Plain pipe dia 100 mm	97.64 mt
8	Total Slotted pipe dia 100 mm	29.88 mt
9	Size of assembly lowering	200mm ϕ x 100 mm ϕ
10	200mm ϕ x 100 mm ϕ M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	30	30	Clay
30	51	21	Clay Kankar
51	60	9	Very Fine Sand
60	72	12	Kankar Clay
72	84	12	Very Fine Sand
84	96	12	Clay
96	108	12	Sandy Clay
108	115	7	Fine Sand
115	144	29	Kankar Clay
144	162	18	Fine Sand
162	180	18	Fine Sand
180	200	20	Clay

Logging Report

Date 29-12-2015

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	32.0-----40.0	8.0	Good all
2	52.0-----59.0	7.0	
3	66.0-----70.0	4.0	
4	75.0-----85.0	10.0	
5	95.0-----102.0	7.0	
6	109.0-----114.0	5.0	
7	122.0-----126.0	4.0	
8	145.0-----160.0	15.0	
9	163.0-----167.0	4.0	

Note. Sl.No.1 to 7 are intermixed with kanker.

(M/s Swatantra T.W. Exp.)
 Varanasi
 Contractor

(Rajesh Kumar)
 J. E.

(S.N. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer