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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Parshupur - Madhuban

District : Mau

Date : 23.07.2015

Depth logged : 200.0 mbgl

Depth drilled : 210.0 mbgl

Logger used : GWIC

Presence : Er., J.K.Gupta, A.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	39.0-----46.0	7.0	Good (1-3)
2	58.0-----71.0	13.0	
3	75.0-----82.0	7.0	
4	107.0-----117.0	7.0	Marginal (4-5)
5	118.0-----125.0	7.0	

Note. Quality of the formation water is deteriorating to saline below 130.0 mbgl.

(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.

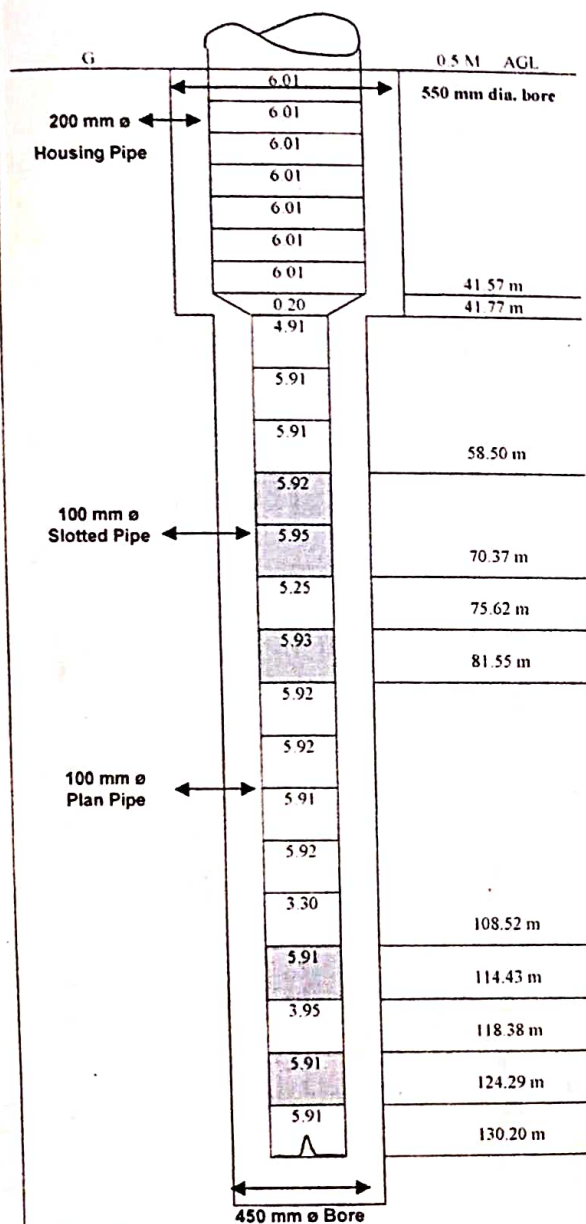
OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M) U.P. JAL NIGAM, MAU

Completion plan of T.W. at
Name of Programme /T.W. Location

Parshupur Mubarakpur T.W. Distt. Mau
N.R.W.S.P.

(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	15-07-2015
4	Drilling completed on	28-07-2015
5	Date of lowering	29-07-2015
6	Total housing pipe dia 200 mm	42.07 mt
7	Total Plain pipe dia 100 mm	58.81 mt
8	Total Slotted pipe dia 100 mm	29.62 mt
9	Size of assembly lowering	200mm x 100 mm
10	Static Water level	mts

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	24		Clay
24	60		Very Very Fine Sand
60	72		Fine Sand With Clay
72	90		Very Very Fine Sand
90	132		Fine Sand with Kankar
132	138		Fine Sand
138	150		Fine Sand with kankar Clay mixed
150	162		Fine Sand to Medium Sand
162	200		Fine Sand with Kankar

Logging Report

Date 23-07-2015

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TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Date of Test 23-09-2015

Date of Test: 23-05-2013																
Sl. No	Air line Lower in mtr.	Pressure in kg/cm ²		Depression	Discharge through 90° V-notch			Sand contents in P.P.M							Remark	
		Starting	Running		In kg/cm ²	In mtr.	In cm. Inches	In L.P.M	Starting	5 Min	10 Min	15 Min	20 Min	25 Min		30 Min
1	120	12.0	11.55	0.45	4.5	8"	1578	3500	2000	1500	1300	1100	900	700		
Note:- Recommended for development by O.P. unit																

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Proposed By

Recommended By

Approved

(M/S. Swatantra Drilling)
Varansi
Contractor

(Rajesh Kumar)
J. E.

(J.K. Gupta)
Assistant Engineer

(N.A. Khan)
Executive Engineer