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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site: *Hameedpur Rasulpur, Block - Kopaganj*
District : *Nau*
Date : *20.10.2012*
Depth logged : *125.0 / mbgl*
Depth drilled : *132.0 / mbgl*
Logger used : *UPJN*
Presence : *Er. J. K. Gupta, A.E., Er. Surendra Yadav, 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.	45.0 - 67.0	22.0	→ Good
2.	83.0 - 90.0	7.0	→ Kanker
3.	104.0 - 111.0	7.0	→ fine sand intermixed with kanker
	/	/	/

Note.

AE(J)

Dr. R.A. Yadav

(Dr.R.A.Yadav)
Manager(GroundWater)

Copy;

1. *Dr. R.A. Yadav (JE)* G.E.(E/M), U.P. Jal Nigam, Lucknow.
2. *Dr. R.A. Yadav (JE)* G.E.(E/M), U.P. Jal Nigam, *Nau*
for information and necessary action.

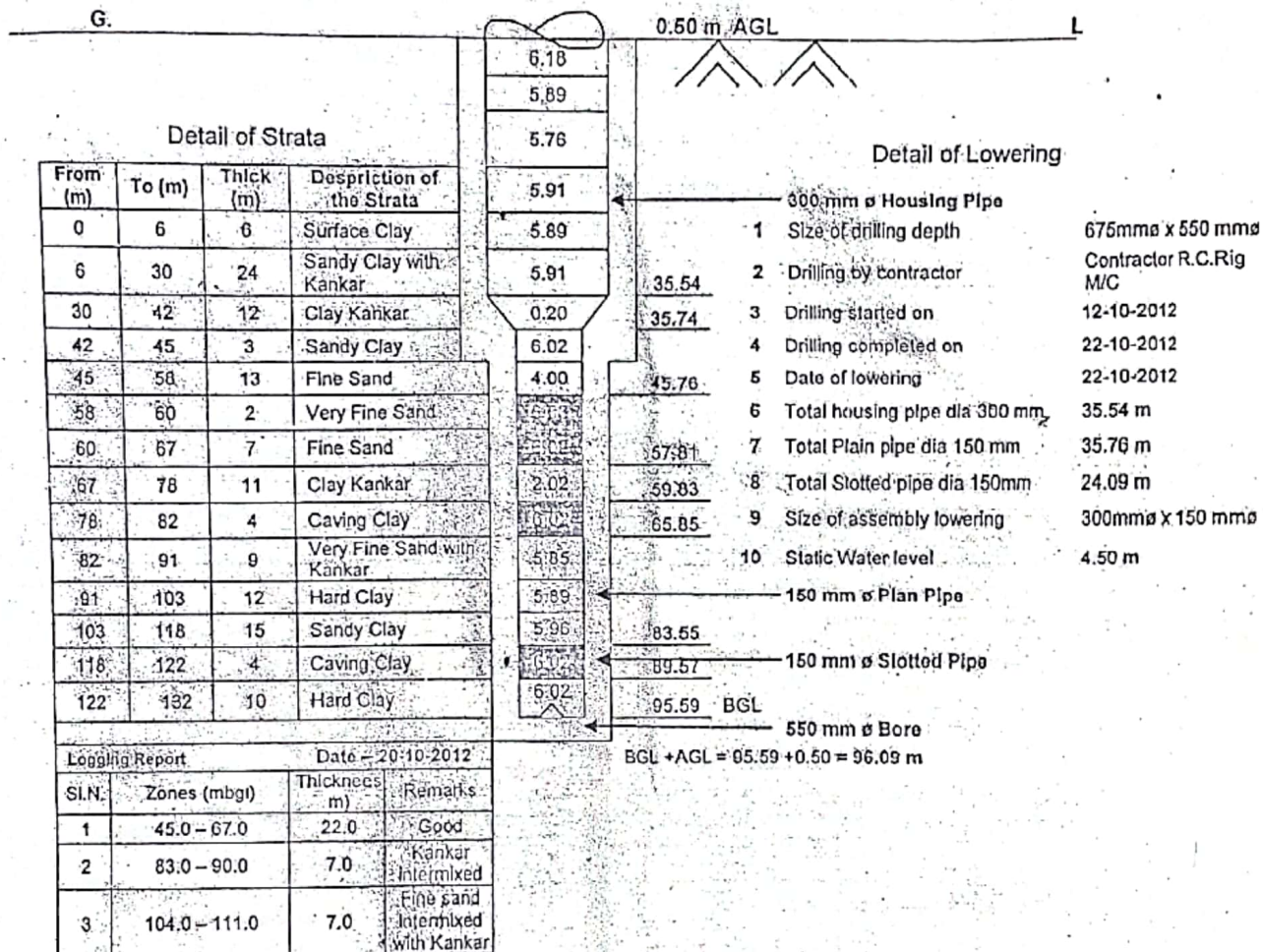


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)U.P. JAL NIGAM, MAU

Completion plan of T.W. at Hameedpur Rasulpur Tw., Distt. Mau

Name of Yozana/T.W. No. & Location : (N.R.W.S.P.) Hameedpur Rasulpur Tw.,

(Not to Scale)



Date of Test:											09-11-2012				
TEST REPORT OF T.W. DEVELOPMENT BY 250 P.S.I. COMPRESSOR															
Sl. No	Air line Lower in mtr.	Pressure in kg/cm ²		Depression		Discharge through 90° V-notch		Sand contents in P.P.M.						Remarks	
		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	60	6.0	5.50	0.5	5.0	8 1/2"	1831	5600	3300	2500	1400	900	700	600	

Note- Recommended for development by O.P. unit

(Surenndra yadav)
J. E.

(J.K. Gupta)
Assistant Engineer

(R.S. Singh)
Executive Engineer

Date of Test:					15-01-2013									
YIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT														
Sl.No.	Discharge By 90° V-notch Tank	S.W.L In meters	R.W.L In meters	Depression in meters	Sand contents in P.P.M.							Remarks		
					After									
					Starting	5 Min	10 Min	15 Min	20 Min	25 Min	30Min			
1	9"	21.94	4.50	8.50	4.00	750	250	150	100	50	Tr	Tr		
2	8 1/2"	18.31	4.50	7.80	3.20	400	150	50	Tr	Tr	Cl	Cl		
3	7 1/2"	13.46	4.50	7.00	2.50	250	50	Tr	Cl	Cl	Cl	Cl		

Note- Recommended Discharge 1200 L.P.M at 2.50 m. depression Pump should be run for 10 minutes through the bypass.