

OFFICE OF THE EXECUTING ENGINEER IRRAD CONST. DN. U.P. JALNIGAM FAIZABAD.

COMPLETION PLAN OF DALSARAI WSS DISTRICT BARABANKI.

1. Size of Drilling Depth - 120m.
2. Dept. Pig - Private
3. Drilling started - 29.07.15.
4. Drilling completed - 01.08.15.
5. Date of Logging - 30.07.15.
6. Date of Lowering - 02.08.15
7. Static water level - 7.6m.
8. Size of Drilling - 675mm x 550mm.
9. Size of Assembly - 300mm x 200mm.
10. Size of Reducer - 300mm x 200mm.
11. Total housing - 35.76m.
12. Total plain hite - 42.17m.
13. Total slotted - 30.33m.
14. Total Lowering - 108.46m.
15. Sounding before lowering - 120m.
16. Sounding after lowering - 107.8m.

LOGGING REPORT (mbgl)

40-60 → 20.0m
 69-75 → 6.0m
 80-117 → 37.0m.

Good.

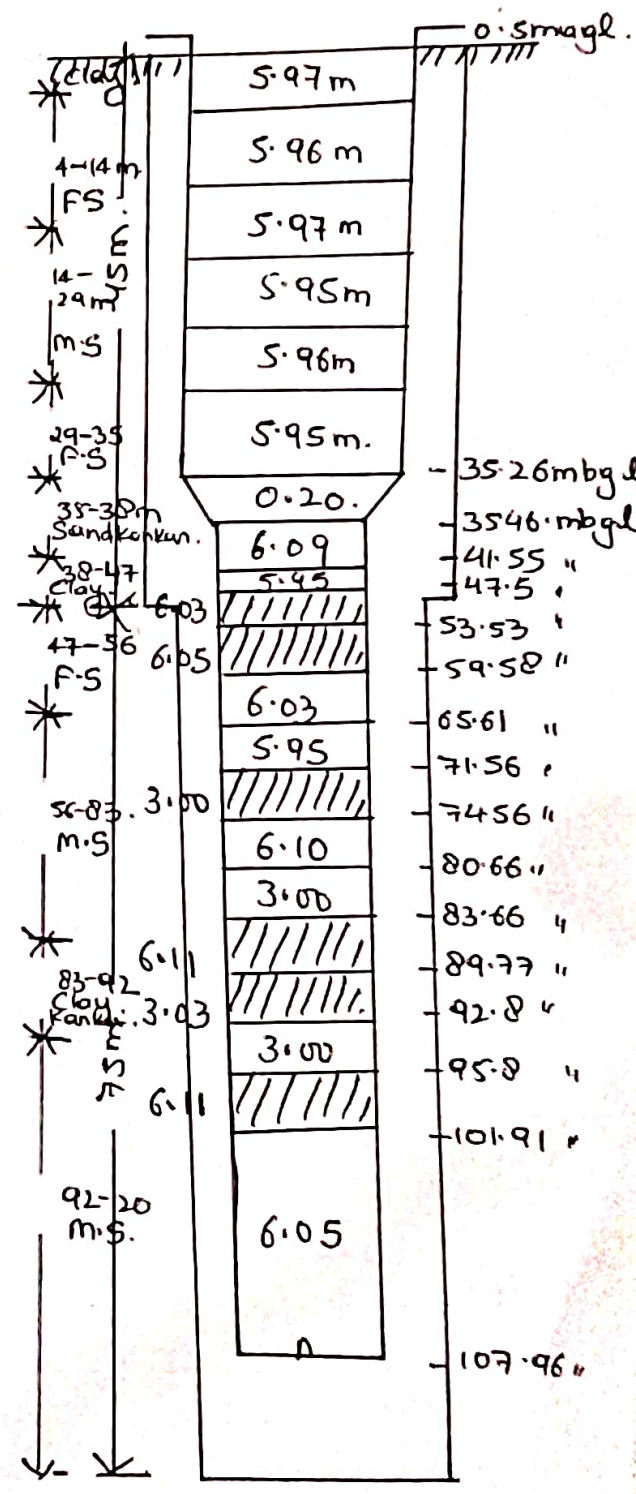
MANIKYA ENGINEERS & CONSULTANTS PRIVATE LIMITED

Vishal

Sudhir .
 SUDHIR KUMAR.
 (T.E)

H.C NAYAK.
 (A.E)

M. NASEEM
 (EE)





Telephone 0522- 2230712
FAX 0522- 2625636

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Dalsarai

District : Barabanki

Date : 30.07.2015

Depth logged : 119.0 mbgl

Depth drilled : 120.0 mbgl

Logger used : AXWS

Presence : Er. Sudhir Kr., 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	40.0-----60.0	20.0	Good all
2	69.0----75.0	6.0	
3	80.0-----117.0	37.0	

Note.

(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, Faizabad
for information and necessary action.

OFFICE OF THE EXECUTIVE ENGINEER, HILL C.D. (E & M), U.P. JALNIGAM, FAIZABAD
YIELD TEST REPORT OF T.W. DEVELOPMENT BY 3 CLOS. U.P. UNIT

1. Name of T.W. Scheme - DALSARAI W.B.S.
2. Name of Distt. - BARRABANKI.
3. Date of Test - 16.10.15.
4. Size of Tubwell - 300mm x 250mm.
5. Column Assembly lowered - 30 mts.
6. Static water level - 7.5 m.
7. Table of water - Good.
8. Developed hours - 48 hours.
9. Air line lowered.
10. Sounding of Tubewell after Development.

Sl. No.	Discharge through 90° V Notch tank		S.M.L.	B.M.L.	Depression	Sand content in S.F.M.					Remarks
	Inches	L.P.M.				Starting	5 Min	10 Min	15 Min	20 Min	
1.	8 3/4"	2024	7.2 m	11.8 m	4.6 m	400	150	100	50	50	Discharge low
2.	8 1/4"	1706	7.2 m	10.7 m	3.5 m	300	100	100	50	50	Discharge low
3.	7 1/4"	1244	7.2 m	10.0 m	3.3 m	150	50	50	50	50	Discharge low
4.	7"	1192	7.2 m	9.8 m	2.6 m	100	50	50	50	50	Discharge low

Note- Recommended Discharge 1000 L.P.M. at 30 mts.

Test conducted by

S. J. Singh
S. J. SINGH
 Junior Engineer

G. N. Singh
G. N. SINGH
 Assistant Engineer

Y. J. Singh
Y. J. SINGH
 Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION,U.P. JAL NIGAM, FAIZABADPhysical and Chemical Analysis of Water SampleDISTRICT LAB FAIZABADTEST REPORT

Reference Letter No. फैसा-फैजगाह/1. dt 9-10-15 District मथुरा
 Source of Sample (Hand pumps or Tube well) नलकुप Tehsil
 Source of Condillon Block राम नगर
 Date of Sampling 9-10-2015 Gram Panchayat
 Date of Testing 10-10-2015 Revenue Village (Sensus Code)
 Name of Sample Collector Habitation दल राम पे. यो. नलकुप
 Name of Junlor Engineer श्री सुधीर कुमार धूरे Year of Installation of Source
 Name of Place दल राम, रामनगर, मथुरा

Sl.No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
<u>PHYSICAL TEST</u>					
1.	Turbidity	...5...NTU	IONTU	25 NTU	
2	Colour	Colourless			
3.	Odour	Odourless	Unobjectionable	Objectctionable	
4.	Ph	...8.3....	6.5 to 8.5	<6.5 to 9.2>	
<u>CHEMICAL TEST</u>					
5	Total Dissolved Solid	163...	500	1500	
6	Total Hardness as "CaCO3	140...	200	600	
7	Chloride as "Cl"	20....	200	1000	
8	Fluoride as "F"	0.20...	1.00	1.50	
9	Nitrates as "NO3"	NIL...	45	>45	
10	Nitrites as "NO2	NIL...	NIL		
11	Iron as "Fe"	0.24...	0.10	1.00	
12	Alkalinity	136...	200	600	
13	Sulphate	05.....	200	400	
14	Residual Chlorine (P.P.M.)	NIL...	0.2	1.0	
15	Arsenic (ppb)	NIL...	10	50	

B. S. Singh
 Chemist 23/11/15

.....
 Assistant Engineer
 Construction Division
 U.P. Jal Nigam,
 Faizabad