

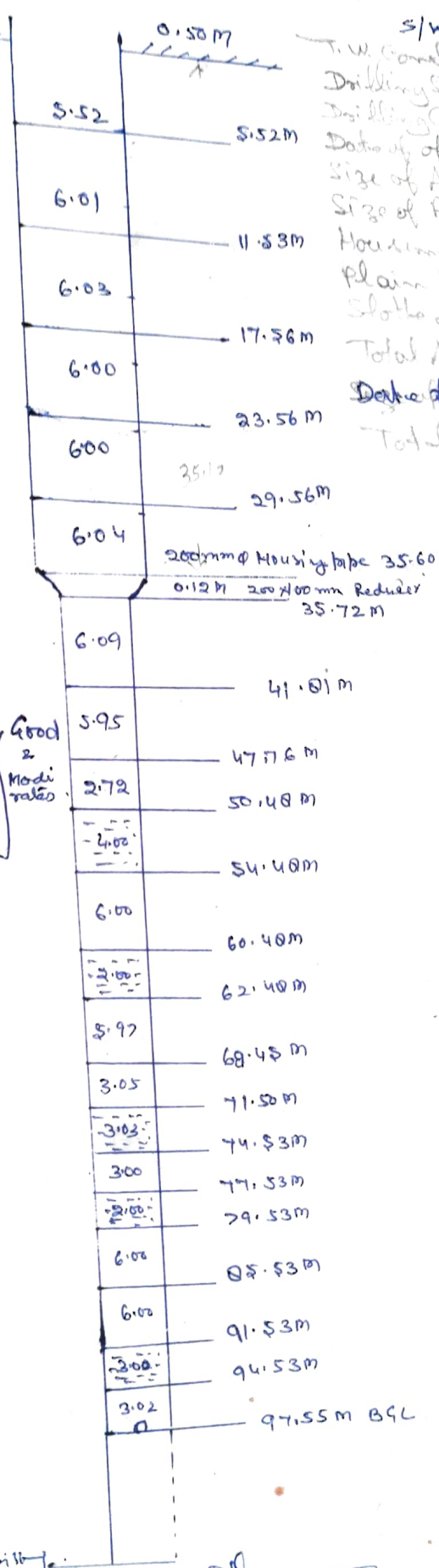
Lowering for Kansapur Distt. Sultanpur

0-3.00 m surface clay
 3.00-6.10 m clay & kanker
 6.10-24.40 m v. fine sand
 24.40-73.20 m Kanker with thin clay
 73.20-110.00 m clay kanker
 110-122.00 m muddy clay

Logger proposed

38.00-42.00 m — 4.00 m
 50.00-55.00 m — 5.00 m
 60.00-63.00 m — 3.00 m
 71.00-75.00 m — 4.00 m
 77.00-80.00 m — 3.00 m
 91.00-95.00 m — 4.00 m

Good
 2
 Modi
 rakes



S/W.L — 13.00 m.
 T.W. Constructed by D.C. LT-1500
 Drilling started on — 13.7.08
 Drilling completed on — 24.7.08
 Date of Lowering — 24.7.08
 Size of Assembly — 200x100x12
 Size of Reducer — 200x100
 Housing pipe — 35-60
 Plain pipe — 47.80
 Slotted pipe — 14.03
 Total Assembly — 97.55
 Date of Logging — 21.7.08
 Total Drilling — 122.00 m

122.00 m Drilling
 (P.K. Srivastava) J.R.
 (Chhabiley Ram) A.R.
 (A.K. Saxena) E.E.
 Seen



J.NIGAM

D.S

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Telephone 0522- 2230712
FAX 0522- 2625586

(29)

Ref. :-

02340
0147-3
74

Date:

74

Geophysical Borehole Logging Report

Location of the site: Kansa Bur
District : Sultanpur
Date : 21.7.08
Depth Logged : 120.0 / m
Depth Drilled : 122.0 / m
Logger used : New Logger
Presence : Et. P. K. Srivastava, J.E.

At 26.7.08

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 (mts)	Remarks
1.	38.0 - 42.0	4.0	Good to moderate
2.	50.0 - 55.0	5.0	
3.	60.0 - 63.0	3.0	
4.	71.0 - 75.0	4.0	
5.	77.0 - 80.0	3.0	
6.	91.0 - 95.0	4.0	

Note: All zones are very-very fine sand intermixed with kaoliker bands. ✓

D.S

(Dr. R. A. Yadav)
Sr. Geophysicist

Copy:

1. C.E./EM, U.P. Jal Nigam, Lucknow.
2. E.E., G-8 F. B/111, (EM), U.P. Jal Nigam, Faizabad
for information and necessary action.

Sr. Geophysicist

A.E.D./S.P.K. Srivastava
74
8/11/08



OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION
I, U.P. JAL NIGAM, RAEBARELI
Physical and Chemical analysis of Water Sample
Dutch Lab Rahi, Raebareli
TEST REPORT

Name of Division Ex Engg. Div Construction (E/M) Raebareli Location of Source Ch. Kali N. G. Raebareli
 Reference Letter No. 3159/Amr-17/45 dt. 18/11/02 Name of Village/Town Ch. Kali N. G.
 Source of sample TT/W Code No. 1
 Date of sampling 18/11/02 Tehsil/Block 3
 Date of Test 22/11/02 District 2
 Name of Sample collector 2

Sl. No.	CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
			ACCEPTABLE	CAUSE FOR REJECTION	
1.	Colour	<u>Colourless</u> 5.0	5.0	5.0	
2.	Odour	<u>Odourless</u> Unobjectionable	Unobjectionable	Objectionable	
3.	Ph.	<u>7.6</u> 7.0 to 8.5	7.0 to 8.5	< 6.5 or > 9.2	
CHEMICAL TEST					
4.	Total dissolved solids (mg/lit)	<u>500</u> 500	500	1500	
5.	Total hardness " as CaCO ₃ "	<u>240</u> 200	200	600	
6.	Chlorides "as Cl"	<u>60</u> 200	200	1000	
7.	Fluorides "as F"	<u>1.3</u> 1.0	1.0	1.5	
8.	Nitrates "as NO ₃ "	<u>NM</u> 45	45	> 45	
9.	Nitrites "as NO ₂ "	<u>0.001</u> NIL	NIL	0.1	
10.	Iron "as Fe"	<u>0.1</u> 0.1	0.1	1.0	
11.	Alkalinity	<u>290</u>			
12.	Residual Chlorine (p.p.m.)	<u>NM</u>			
13.					

Test Conducted By 2

ASSISTANT ENGINEER
 Const. Div-I U.P. Jal N. ga
 Raebareli

OFFICE OF THE EXECUTIVE ENGINEER, III CONSTRUCTION DIVISION (E/M), U.P. JAL NIGAM, FAIZABAD

TEST REPORT OF T.W. DEVELOPMENT BY 250 P.S.I. COMPRESSOR

- | | |
|--|--|
| 1. Name of T.W. :- Kausapur T.W. | 5. Discharge measured by :- 90° "V" Notch Tank |
| 2. Name of Scheme :- Kausapur w/s scheme under 12 th villa Ayog | 6. Static water level :- 12.8 m. |
| 3. Distt. :- Sultanpur | 7. Sounding before development :- 90.0 m. |
| 4. Date of test :- 06.11.08 | |

Sl. No.	Air line Lowerd 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 cms.	in L.P.M.	Starting	AFTER						
									5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
1	47 m	4.6 kg/cm ²	4.2 kg/cm ²	0.4 kg/cm ²	4.0 m	9.5 cms	240	150	cl	cl	cl	cl	cl	cl	

Note-Recommended discharge 200 LPM at 4.00m depression.

Test Conducted by


 (Firm's Representative) Junior Engineer
 M/s Raj Karan Tube
 Well & Water Development Pvt. Ltd.
 Lucknow

 Authorised Signatory


 Assistant Engineer


 (A.K. Saxena)
 Executive Engineer