

ACTUAL STRATA CHART AND ASSEMBLY LOWERED OF BARAHWATW

DIST. - BALRAMPUR UNDER Q.P.V. PROGRAMME

Required Discharge — 500 LPM
 Assembly size — 200X150 mmφ
 Bore size — 550X500 mmφ
 Logging depth — 150 mt
 Drilling depth — 154 mt
 Date of Logging — 23/05/2017
 Date of Lowering — 28/05/2017

LOGGING REPORT

S.N.	DEPTH RANGE BGL (cm)	THICKNESS (cm)	REMARK
1.	40 - 48	8.0	
2.	51 - 65	8.0	GOOD
3.	80 - 87	7.0	ALL
4.	90 - 100	10.0	
5.	125 - 129	4.0	

NOTE-S.N. ⑤ is very-very fine sand

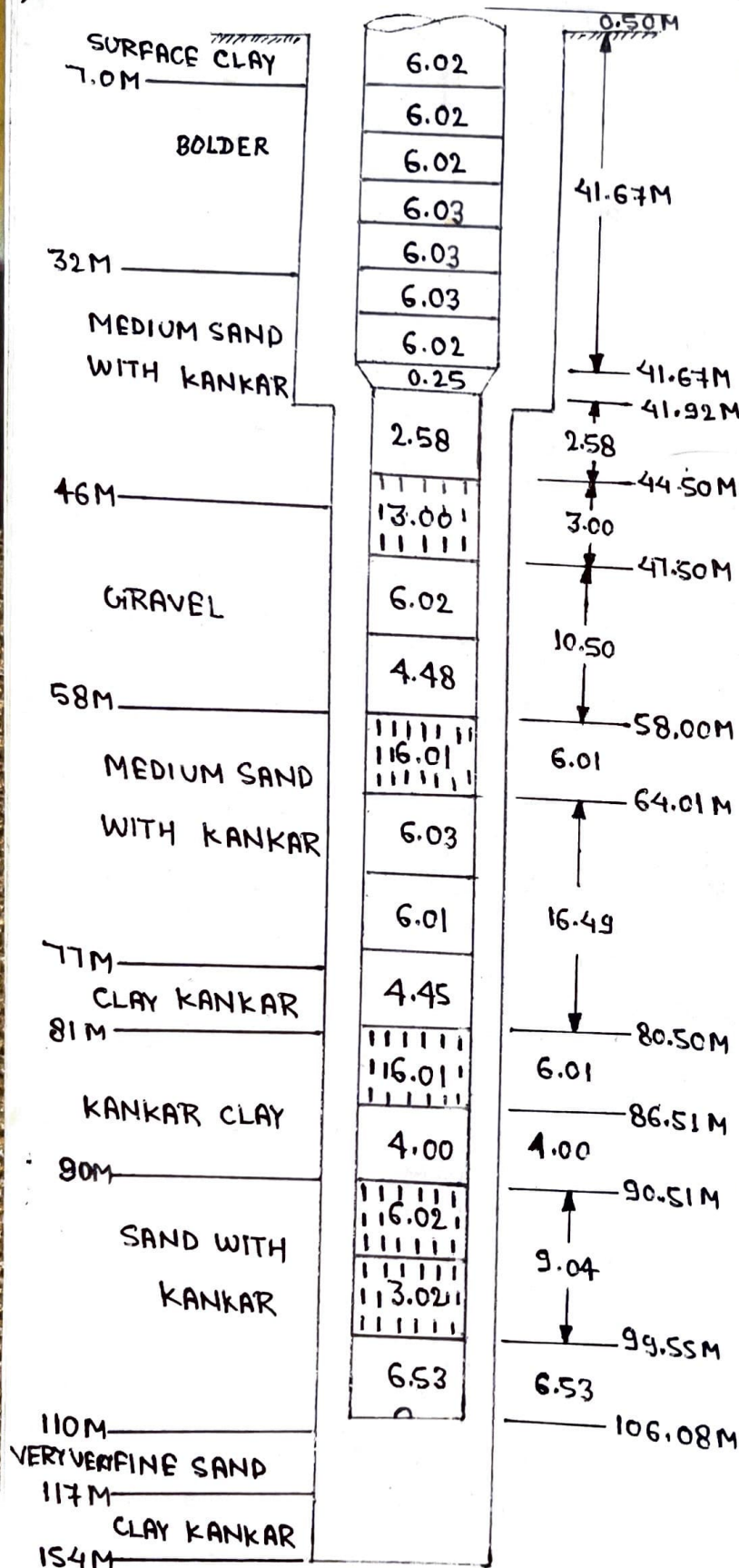
S.d.
 Dr. R. A. Yadav
 Ex. Manager (G.W.)

ZONE TESTING

DATE - 25/05/17

ZONE RANGE in M	TDS	CHLORIDE	ARSANIC	FLORIDE	SULPHATE	IRON	NITRATE	HARDNESS	METHYLENE ORANGE	CHLORINE
90-100 M I 20NF	500	10	NIL	0.20	8	0.10	NIL	180	200	NIL
80-87 M II 20NF	500	10	NIL	0.30	12	0.20	NIL	190	210	NIL
40-65 M III 20NF	550	15	NIL	0.30	12	0.20	NIL	200	220	NIL

1. Total Lowering — 106.58 M
2. 200mmφ housing pipe — 42.17 M
3. 150mmφ plain pipe — 40.10 M
4. 150mmφ slotted pipe — 24.06 M
5. 200X150mmφ reducer — 0.25 M
6. 150mmφ Bail plug — 1 No.



CONTRACTOR
 M/S SHIV DRILLERS 27/1
 Rabindra Sagar
 KOLKATA

(E. NAHAR SINGH)
 J.E.

(E. A.K. SRIVASTAVA)
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Aqua Xplore

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Ref. 523 - B / AX - 2017 Date 23.05.2017

Geophysical Borehole Logging Report

Name of the site : Barahwa, Block – Haraiya Satgharwa

District : Balrampur

Date : 23.05.2017

Depth logged : 150.0 mbgl

Depth drilled : 154.0 mbgl

Logger used : AX

Presence : Er. Nahar Singh, 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-----48.0	8.0	Good all
2	57.0-----65.0	8.0	
3	80.0-----87.0	7.0	
4	90.0-----100.0	10.0	
5	125.0-----129.0	4.0	

Note. Sl.No. 5 is very-very fine sand intermixed with kankar.

for Aqua Xplore

To
E.E.
C.D.(E/M)
U.P.Jal Nigam, Gonda