

Office of The Executive Engineer IIIrd Construction Division (E/M), U.P. Jal Nigam, Faizabad

Completion plan of Sonbarsa T.W. Dist. Sultanpur

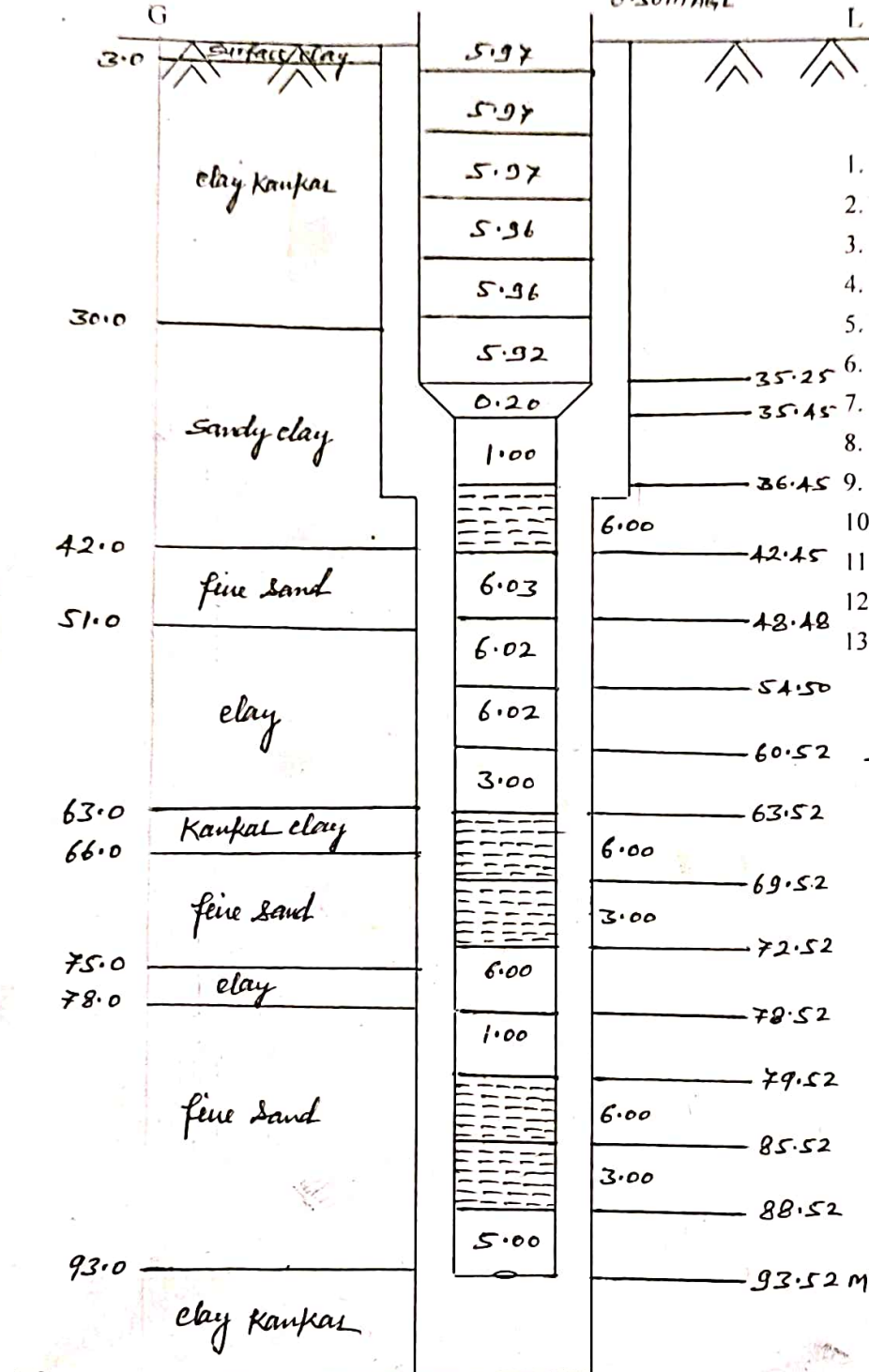
Name of Yozana/T.W. No. Location N.R.V.S.P. / Sonbarsa T.W.

Detail of Strata

G

Detail of Lowering

L



* Logging Report *

35-43 → 8m
63-73 → 10m
79-89 → 10m

(Santosh Kumar)

Assistant Engineer

IIIrd Const. Div. (E/M),

U.P. Jal Nigam, Faizabad

(M. Naseen)

Executive Engineer

IIIrd Const. Div. (E/M),

U.P. Jal Nigam, Faizabad

Mr. Harish Chandra Singh
Manager
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6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Sonbarsa

District : Sultanpur

Date : 10.06.2015

Depth logged : 115.0 mbgl

Depth drilled : 118.0 mbgl

Logger used : AXWS

Presence : Er. R.L.Chaudhary, 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	35.0-----43.0	8.0	Good all
2	63.0-----73.0	10.0	
3	79.0-----89.0	10.0	

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, IIIRD 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.	:	Sonbarga Tw.	5	Discharge measured by 90° V'-notch Tank
2	Name of Programme	:	N R W S P	6	Static Water Level : 16.80m
3	Name of District	:	Sultanpuri	7	Sounding Before Development : 93.50m
4	Date of Test.	:	21.7.15	8	Sounding After Development : 94.00m.

Sl. No.	Air line lowered 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/inch	In L.P.M.	Starting	After							
									5Min	10Min	15Min	20Min	25Min	30Min		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1.	87m	10kg	9.5kg	150kg	5m	8"	1578	5200	2800	1400	1000	800	700			

Note - Recommended for development by ~~comf~~ 0.8 unit

Test Conducted by

(Ram-Lal-H)
Junior Engineer

Seen

(Nish Kumar)
Assistant Engineer

(Er. M. Naseem)
Executive Engineer

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

YIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT

1. Name of T.W./Scheme- Sonbarsia Tk
2. Name of Programme- NRWSP
3. Size of Tube-well- 300mm x 150mm
4. Column Assembly Lowered- 30m
5. Static water level- 13.65m
6. Taste of water- Pitahle
7. Date of Testing- 3.8.15
8. Discharge Measured By- 90' V. Notch

Sl. No.	Discharge		Running Water Level in Mts.	Static Water Level in Mts.	Depression in Mts.	Starting	Sand Contents in PPM					Remark
	In Inches	In LPM					After					
							5 Min.	10 Min.	15 Min.	20 Min	25 Min	
1	7	1142	18.15	13.65	4.50	400	350	150	50	50	70	
2	6.5	945	17.85	13.65	4.20	300	200	100	50	50	0	
3	6	776	17.45	13.65	3.80	50	70	0	0	0	0	

Note:- Pump should run in starting at least for 10 minutes in by pass at rated head. recommended discharge 700 lpm at 3 sec max pressure

Test taken in presence of following officials-

M/S Harish Chandra Singh
 (Signature)
 Junior Engineer
 3rd const. division
 (E/M) Faizabad

(H.C. Nayak)
 Asst. Engineer
 3rd const division
 (E/M) Faizabad

(M. Vaseem)
 Executive Engineer