

DRAWN

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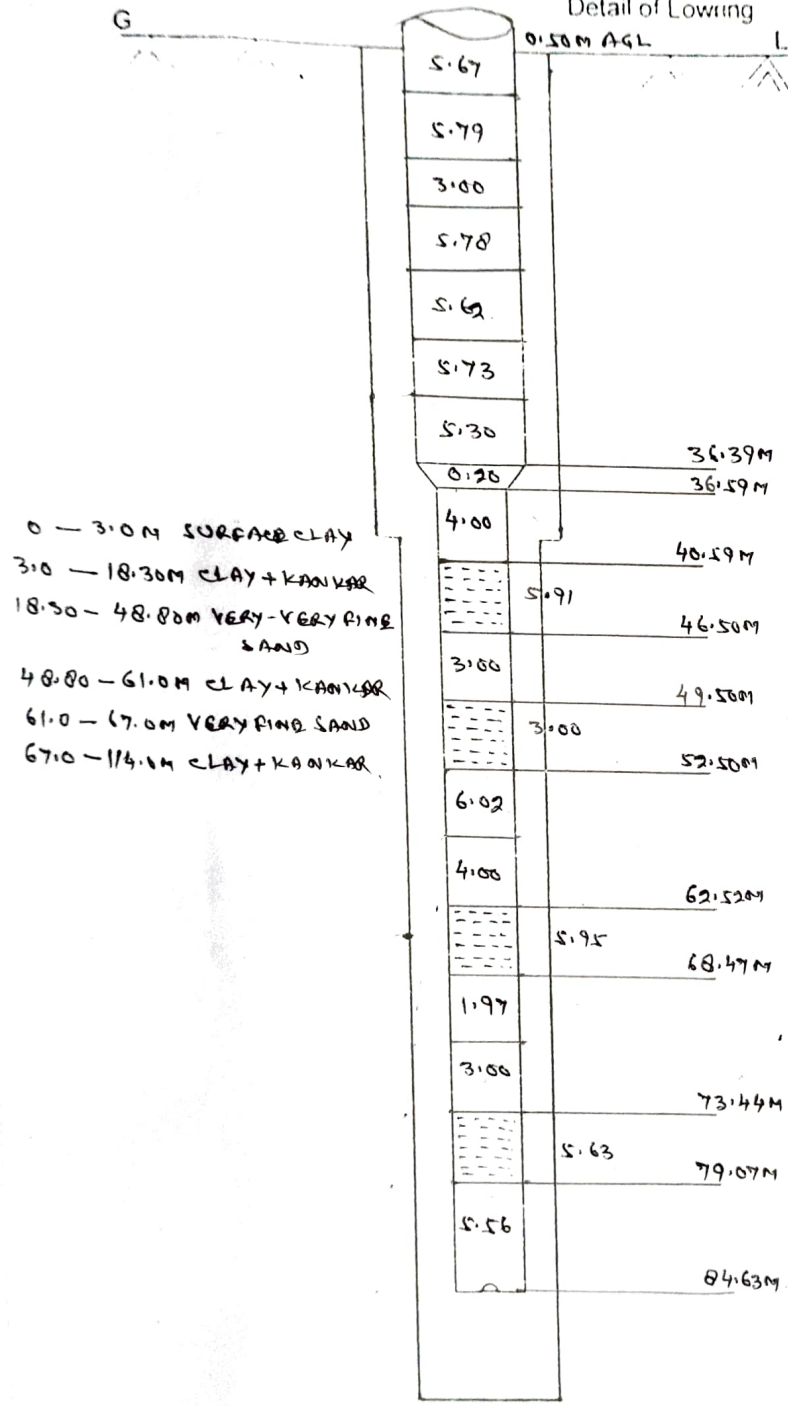
Office of The Executive Engineer Illrd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of MITHANAPUR T.W. at SULTANPUR Distt. SULTANPUR
 Name of Yozana/T.W. No. & Location N.B.N.S.P.

Detail of Strata

(Not to Scale)

Detail of Lowering



1. Size of drilling depth 675 mm - 0 - 40 M
2. Drilling by depth Rig 550 mm - 40 - 114 M
3. Drilling started on 8.12.12
4. Drilling completed on 14.12.12
5. Date of lowering 4.1.13
6. Total housing pipe 300 mm - 36.89 M
7. Total plain pipe 150 mm - 27.55 M
8. Total slotted pipe 150 mm - 20.49 M
9. Size of assembly lowered 675 mm x 510 mm
10. size of drilling 675 mm x 550 mm
11. Static water level 12 M
12. Size of reducer 300 mm x 150 mm
13. Sounding after lowering 80.13 M

LOGGING REPORT

- 1, 40.0 - 47.0 M = 7.0 M
- 2, 49.0 - 53.0 M = 4.0 M
- 3, 62.0 - 69.0 M = 7.0 M
- 4, 73.0 - 80.0 M = 7.0 M

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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site: *Mithanepur*

District : *Sultanpur*

Date : *14.12.2012*

Depth logged : *100.0 / mbgl*

Depth drilled : *114.0*

Logger used : *AXWS*

Presence : *Er. Santosh Kr., A.E. & Er. R. B. Maurya, 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 - 47.0	7.0	} → Good
2.	49.0 - 53.0	4.0	
3.	62.0 - 69.0	7.0	
4.	73.0 - 80.0	7.0	
	/	/	

Note.

Dr. R. A. Yadav
(Dr.R.A.Yadav)
Manager(Ground Water)

Copy;

1. C.E.(E/M), U.P.Jal Nigam, Lucknow.

2. *E.E., IIIrd. C.D.* (E/M), U.P.Jal Nigam, *Faizabad*
for information and necessary action.

Dr. R. A. Yadav
Manager(Ground Water)

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

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

1	Name of T.W.	:	MITHNEY PUR T.W.	5	Discharge measured by 90° 'V'-notch Tank
2	Name of Scheme	:	N.R.W.S.P	6	Static Water Level : 13.75 M
3	Name of District	:	SULTANPUR	7	Sounding Before Development : 42.70 M
4	Date of Test.	:	28.01.13	8	Sounding After Development : 83.50 M

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm ²		Depression		Discharge through 90° 'V'-notch		Starting	Sand contents in P.P.M.						Remark
		Starting	Running	In kg/cm ²	In mtr.	In cms/inch	In L.P.M.		5Min	10Min	15Min	20Min	25Min	30Min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	51.85 M	4.34 kg/cm ²	4.06 kg/cm ²	0.28 kg/cm ²	2.80 M	20.32/8" cm/inch	1578 L.P.M	7500	900	500	250	200	200	150	

Note - Recommended for development by O.P. Unit

Test Conducted by

Seen

(SATNAM)
Junior Engineer

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Assistant Engineer

(A.K. Saxena)
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OFFICE OF THE EXECUTIVE ENGINEER, IIRD 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- Mithney pur Tw.
2. Name of Dist.- Sultanpur
3. Size of Tube-well-(300 X 200) mm
4. Column Assembly Lowered-21 m
5. Static water level- 11.40 m
6. Taste of water- Sweet
7. Air Line Lowered -21 m
8. Sounding of Tubewell after development 87.6 m
9. Date of Testing- 26.2.13

S.NO	Discharge By 900 "V" Natch Tank		S.W.L in meters	R.W.L in meters	Depression in meters	Sand contents in P.P.M.							Remark
	Inches	L.P.M.				Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1	7½	1346	11.40	13.65	2.25	200	100	50	Tr	Tr	U	U	
2	7¼	1244	11.40	13.35	1.95	100	Tr	Tr	U	U	U	U	
3	7"	1142	11.40	13.15	1.75	Tr	U	U	U	U	U	U	

Note- Recommended Discharge 1100 LPM at 1.75 mtr. depression

Test Conducted by

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 (Ram Lalit)
 Junior Engineer
 3rd const. division
 (E/M) Faizabad

Seen

(Santosh Kumar)
 Asst. Engineer
 3rd const division
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 Executive Engineer