

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

Completion plan of ... Belasach ... T.W. ... Distt. Sultanpur
 Name of Yozana/T.W. No. Location ... N.R.W.S.P. Belasach ...

Detail of Strata

G		
3.05	Surface clay	5.97
	clay	5.97
15.25	fine sand	5.97
21.35	clay kankar	5.97
30.05	fine sand	5.97
36.60		0.32
	Medium sand kankar	3.75
		5.96
52.46		45.35
	clay kankar	5.96
		51.31
61.61	Medium sand stone	57.26
		60.51
67.41	clay	5.97
71.68	kankar clay	66.48
77.78	clay	72.44
		78.40
81.74	Medium sand kankar	80.60
		81.60
86.01	clay kankar	3.00
		84.60
91.50	clay	90.56
94.55	clay kankar	
99.13	clay	
106.75 M		

Detail of Lowring

0.50 m AGL	L
1. Drilling by depth Rig	Depth RC-600/27
2. Size of drilling depth	- 200mm-200mm
3. Drilling started on	- 12.5.15
4. Drilling completed on	- 20.5.15
5. Date of lowering	- 21.5.15
35.326. Total housing pipe	- 35.82 m
35.647. Total plain pipe	- 34.03 m
8. Total slotted pipe	- 20.89 m
39.39. Size of assembly lowered	- 200x200 mm
5.96 10. Size of drilling	- 550x550 mm
45.35 11. Static water level	- 13.89 m
5.96 12. Size of reducer	- 200x150x200 mm
51.31 13. Sounding after lowering	- 91.00 m
57.26 14. Total Assembly Lowered	- 91.06 m

Logging Report:

72.44	①	30 — 52 → 22m
	②	60 — 67 → 7m
78.40	③	81 — 85 → 4m
80.60		
81.60		
3.00		
84.60		
90.56	M	

SEEN

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 (R.L. Chak)
 Junior Engineer

(SANTOSH KUMAR)
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UTTAR PRADESH JAL NIGAM

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Ref.

Geophysical Borehole Logging Report

Name of the site : Belasada
District : Sultanpur
Date : 12.5.2015
Depth logged : 105.0 mbgl
Depth drilled : 109.0 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	30.0—52.0	22.0	Good all
2	60.0—67.0	7.0	
3	81.0—85.0	4.0	

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.	:	BELASADA T.W	5	Discharge measured by 90° V'-notch Tank
2	Name of Programme	:	N.R.W.-S.P	6	Static Water Level
3	Name of District	:	SULTANPUR	7	Sounding Before Development
4	Date of Test.	:	13-06-15	8	Sounding After Development
					79.24 mt
					91.44 mt

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.		6.32	5.90	0.42	4.2	22.86/9"		6100	2800	2600	2000	1300	900	500	
		kg/cm ²	kg/cm ²	kg/cm ²	mt										

Note - Recommended For Development of T.W. by O.P. Units.....

Test Conducted by

(Signature)
(Kumar Saurabh)
Junior Engineer

Seen

(Signature)
Assistant Engineer
(Er. Saurabh Kumar)

(Signature)
(Er. M. Naseem)
Executive Engineer