

II CONST. DIVN. U. P. JAL NIGAM, AGRA

TUBE WELL DRILLING AND DEVELOPING DETAILS

Tube Well No. 1 of KASMA HINWA Rlg No./Type DC Size of bore 675 & 600 mm
 Under KOSMGA Gr. of villages w/s scheme. Type of T. W. SLOTTED J. E. D. D. JARASWAT
 In Viallge. HIBULA Block KARNAL Water Level 2.0 MT A.E. VIDYAY KUMAR
 Tehsil KARNAL Distt. MAINPURI Agency MUNNA PURE WELL, AGRA

Depth B. G. L. Meter	Stratum	Representation	Executed Assembly	ASSEMBLY DETAILS
3.0	SOIL		250mm DIA	250 mm. Dia Housing Pipe 0.0 to 23.85 M.
12.0	F. SAND			250 mm. Dia Housing Pipe 23.85 to 29.25 M.
	M. SAND			250 mm. Dia Housing Pipe 29.25 to 53.56 M.
32.0				250 mm. Dia Reducer 53.56 to 54.10 M.
				200 mm. Dia PLAIN Pipe 54.10 to 59.68 M.
40.0	CLAY KANKER			200 mm. Dia SLOTTED Pipe 59.68 to 65.67 M.
50.0	SANDY CLAY			200 mm. Dia PLAIN Pipe 65.67 to 70.44 M.
				200 mm. Dia SLOTTED Pipe 70.44 to 88.24 M.
66.0	SAND + KANKER			200 mm. Dia PLAIN Pipe 88.24 to 92.54 M.
69.0	CLAY KANKER			200 mm. Dia SLOTTED Pipe 92.54 to 95.51 M.
			200 mm. Dia PLAIN Pipe 95.51 to 101.73 M.	
90.0	F. SAND + KANKER		200mm DIA	 mm. Dia Pipe to M
92.0	CLAY KANKER			 mm. Dia Pipe to M
95.0	F. SAND			 mm. Dia Pipe to M
100.0	CLAY KANKER			 mm. Dia Pipe to M
110.0	CLAY			Total Assembly 101.13 M.
LOGGING ON - 16-07-2012 BY GLOBAL CONSULTANT				M. B. No. 8.15(2) Page No. 5.6
1- 13.0 to 30.0 2- 62.0 to 65.0 3- 70.0 to 88.0 4- 92.0 to 95.0				ABSTRACT
				1. Drilling Started.....
				2. Drilling Completed 22.7.12
				3. Drilling Depth 110.0 M
				4. Lowering Started 29.07.2012
				5. Lowering Completed 29.07.2012
				6. Assembly Lowered 101.73 M
(D.D. JARASWAT) J. E.				(VIDYAY KUMAR) A. E.
				(RAKESH KUMAR) E. E.

Date 22-08-2018 Static W/L 3.0 M TEST REPORT BY COMPRESSOR
Tast of Water PATABLE

Discharge In L. P. M.	Sand Conteents							Remark
	Start	5min	10min	15min	20min	25min	30min	
<u>1000</u>	<u>6500</u>	<u>6000</u>	<u>5540</u>	<u>5000</u>	<u>4000</u>	<u>3000</u>	<u>1500</u>	

(D.D. SARASWAT)
J.E.

YIELD TEST REPORT BY O. P. UNIT

DATE OF TEST - 18-10-2018

(VIVEK KUMAR)
A. E.

Discharge in L. P. M.	Starting W. L.	Running W. L.	Depression Meter	SAND CONTENTS IN P. P. M.							DATE OF TEST	Remarks
				Start	5 min.	10 Min.	15 min.	20 min.	25 min.	30 min.		
<u>1200</u>	<u>6.0</u>	<u>11.40</u>	<u>5.40</u>	<u>900</u>	<u>500</u>	<u>150</u>	<u>7R</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>		<u>PUMP RUNNING BY PRESS</u>
<u>1000</u>	<u>6.0</u>	<u>10.50</u>	<u>4.50</u>	<u>150</u>	<u>7R</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>		<u>FOR 30 MINUTES</u>
<u>800</u>	<u>6.0</u>	<u>9.60</u>	<u>3.60</u>	<u>50</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>	<u>CL</u>		

Recommended Discharge 1000 L. P. M. At 4.50 M. Depression

(D.D. SARASWAT)
J.E.

TEST TAKEN BY
(R.K. SAXENA)
A. E.

SEEN
(ASHOK KUMAR AGARWAL)
E. E.

CHEMICAL TEST RESULTS

Date of obtaining Sample 16.10.12 Collected by Centre Agency M/S Manna Barwale

Date of Test	<u>Sweet</u>	Total Hardness	<u>104</u>	Sulphates	<u>76</u>
Colour	<u>W3</u>	Temporay hardness	<u>20</u>	Phosphate	
Odour	<u>W3</u>	Permanent Hardness	<u>84</u>	Ammonia	
Turbidity	<u>0.8</u>	Total Alkalinity (M)	<u>272</u>	Nitrates	
Ph Value	<u>7.77</u>	Alkalinity (P)	<u>0</u>	Flouride	<u>1.00</u>
Total Solids	<u>776</u>	Calcium	<u>84</u>		
Suspended Solids	<u>-</u>	Magnicium	<u>20</u>		
Dissolved Solids	<u>-</u>	Chlorids	<u>200</u>		

Remark :- Satisfactory

Draughts Man

Junior Engineer

Assistant Engineer

Executive Engineer