

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

TUBE WELL DRILLING AND DEVELOPING DETAILS

Tube Well No. 2 of KOSMA HINDU Rig No./Type DC Size of bore 175 & 60 mm.
 Under KOSMA HINDU Gr. of villages w/s scheme. Type of T. W. SLOTTED J. E. D. P. JARASWAT
 In Vialge Block KARHAL Water Level 3.0 M A.E. VITAY KUMAR
 Tehsil KARHAL Dist. MAINPURI Agency MUNNA PORE WELL AGRA

Depth B. G. L. Meter	Stratum	Representation	Executed Assembly	ASSEMBLY DETAILS
3.0	JURJOIL		0.60	2.50 mm. Dia Housing Pipe 0.0 to 0.42 M
	MED SAND		2.50 mm. Dia	2.50 mm. Dia Housing Pipe 0.42 to 30.17 M
				 mm. Dia Housing Pipe to M
				250 X 200 mm. Dia Reducer 30.17 to 30.47 M
				200 mm. Dia PLAIN Pipe 30.47 to 35.78 M
				30.17 200 mm. Dia SLOTTED Pipe 35.78 to 41.79 M
				35.78 200 mm. Dia PLAIN Pipe 41.79 to 65.63 M
43.0				41.79 200 mm. Dia SLOTTED Pipe 65.63 to 77.58 M
48.0	JARJOIL			200 mm. Dia PLAIN Pipe 77.58 to 95.45 M
	FINE SAND			200 mm. Dia SLOTTED Pipe 95.45 to 101.38 M
60.0				200 mm. Dia PLAIN Pipe 101.38 to 107.28 M
65.0	CLAY KANKER		65.63	 mm. Dia Pipe to M
	FINE SAND			 mm. Dia Pipe to M
77.0			77.58	 mm. Dia Pipe to M
81.0	JARJOIL			Total Assembly 107.28
	FINE SAND			M. B. No. 815 (U) Page No. 6.7
95.0			95.45	
101.0	F. SAND		101.38	
107.0	JARJOIL		107.28	
114.0	CLAY KANKER			
LOGGING ON - 15-08-2012				
BY - GLOBAL CONSULTANT				
1. 3.0 To 43.0	} GOOD.			
2. 48.0 To 60.0				
3. 65.0 To 77.0				
4. 77.0 To 81.0				
5. 95.0 To 101.0				
(D. D. JARASWAT) J. E.			(VITAY KUMAR) A. E.	(ASHOK KUMAR AGARWAL) E. E.

TEST REPORT BY COMPANY

Date: 27-08-2018

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Test of Water: *Perched*

Discharge in L.P.M.	Water Content								Remarks
	10 min	15 min	20 min	25 min	30 min	35 min	40 min		
1000	1000	800	700	600	500	400	300		

(D.P. SARASWAT) J.E.

YIELD TEST REPORT BY O.R. UNIT

AS per Test: 17-8-2018

(S. K. SAKHIA) A.E.

Discharge in L. P. M.	Starting W. L.	Running W. L.	Depression Meter	SAND CONTENTS IN P. P. M.								Remarks
				Start	5 min.	10 Min.	15 min.	20 min.	25 min.	30 min.		
1000	6.0	11.00	5.00	100	400	200	100	TR	CL	CL	Silt in oil test to percent	
1000	6.0	10.50	4.50	100	TR	CL	CL	CL	CL	CL		
900	6.0	10.10	4.10	TR	CL	CL	CL	CL	CL	CL		

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

(D.P. SARASWAT) J.E.

(R.K. SAXENA) A.E.

(S. K. SAKHIA) E.E.

CHEMICAL TEST RESULTS

REPORT No- 456

Date of obtaining Sample: 27-08-2018 Collected by: _____ Agency: _____

Date of Test	<u>28-08-2018</u>	Total Hardness	<u>120</u>	Sulphates	<u>64</u>
Colour	<u>COLOURLESS</u>	Temporary hardness	<u>24</u>	Phosphate	
Odour	<u>ODOURLESS</u>	Permanent Hardness	<u>96</u>	Ammonia	
Turbidity	<u>1.0</u>	Total Alkalinity (M)	<u>2.68</u>	Nitrates	
Ph Value	<u>7.68</u>	Alkalinity (P)	<u>0</u>	Fluoride	<u>1.06</u>
Total Solids	<u>736</u>	Calcium		IRON	<u>0.09</u>
Suspended Solids		Magnesium			
Dissolved Solids		Chloride	<u>192</u>		

Remark: SATISFACTORY

Draughts Man: _____ Junior Engineer: _____ Assistant Engineer: _____ Executive Engineer: _____