

# OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-JAGDISHPUR TW-1, BLOCK-SHIVGARH JJM PHASE-II-PKG-13(SHIVGARH RO WSS)

District -

Raebareli

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm,

Static W/L-

LPM-

Contractor Name - M/S Upendra Kumar, Lucknow

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY								
500mm	+0.00		Ø 200 mm dia Housing	Plain pipe from (AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.	
	-7.50		Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	39.00	MBGL	39.00	M.	
	450mm		-33.00	Ø 200 mm dia Housing	Slotted pipe from	39.00	MBGL to	43.00	MBGL	4.00	M.
			-43.00	Ø 200 mm dia Housing	Plain pipe from	43.00	MBGL to	48.00	MBGL	5.00	M.
			-48.00	Ø 200mm dia Housing	Slotted pipe from	48.00	MBGL to	52.00	MBGL	4.00	M.
			-52.00	Ø 200 mm dia Housing	Plain pipe from	52.00	MBGL to	55.00	MBGL	3.00	M.
			-55.00	Ø 200 X Ø 150 mm dia	REDUCER	55.00	MBGL to	55.20	MBGL	0.20	M.
			-55.20	Ø 150 mm dia Housing	Plain pipe from	55.20	MBGL to	244.50	MBGL	189.30	M.
			-171.00	Ø 150 mm dia Housing	Slotted pipe from	244.50	MBGL to	259.50	MBGL	15.00	M.
			-189.00	Ø 150 mm dia Housing	Plain pipe from	259.50	MBGL to	265.50	MBGL	6.00	M.
			-244.50								
			-259.50								
-265.50											
			Total Assembly (AGL + BGL) - 266.00 M.								

### ABSTRACT

1. Drilling Started on Dated --	1.03.2023
2. Drilling Completed on Dated --	4.09.2023
3. Drilling Depth --	500 mm Dia 61.00 M
	450 mm Dia 255.00 M
	Total- 296.00 M
4. Assembly lowered on Dated --	20-09-2023
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia (AGL) -	0.50 M
(B) Housing pipe (Plain) 200 mm dia (BGL) -	37.00 M
(C) Slotted pipe 200 mm dia -	4.00 M
(D) Reducer (200 mm X 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	15.00 M
(F) Plain pipe 150 mm dia -	195.30 M
Total assembly-	266.00 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Fea-Gravel -	47.09 Cum
10. MS Ring 300mm- NOS	11. MS Ring 200mm- 10 NOS.
12. MS Ring 150mm- 39 NOS	
12. MS Ball Plug 300mm- NOS	13. MS Ball Plug 200mm- NOS.
14. MS Ball Plug 150mm- 1 NOS	
15. Reducer 300mmx150mm- NOS	16. Reducer 200x150mm- 1 NOS.
17. MSSl Clamp 300mm- NOS	18. MSSl Clamp 200mm- 1 NOS
19. TW Assembly Support- 200mm- 1 NOS	
20. MS Well Cap-300mm-NOS	21. MS Well Cap-200mm-1NOS
22. Center Guide-300mm- NOS	23. Center Guide-200mm- NOS
24. Center Guide-150mm- 9 NOS	

### LOGGING REPORT (AQUA FLORE)

Ref: 904-J/AX-2023 Dated 04.09.2023

Depth Logged-262 m bgl Date of Logging-04.9.2023

Sl.	Depth Range mbgl	Thickness m.	Remarks
1	20-24	4	Good
2	30-43	13	Good
3	48-52	4	Good
4	244-260	16	Good to Moderate

NOTE 1) Quality of formation water is deteriorating marginal to saline in between 54.0 to 238.0 mg/l. Sl no 2 is highly intermixed with kankar. Clay layer lies in between 238.0 to 243.0 mbgl

Manager (G.W.)

Prepared & Proposed By

M/S Upendra Kumar, Lucknow  
PROJECT (SWSM-Raebareli)

Checked By

Junior Engineer  
(UPJN)

Recommended By

Assistant Engineer  
(UPJN)

Approved By

Executive Engineer  
(UPJN)



# Aqua Xplore

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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 904 - J / AX - 2023 Date 04.09.2023

## Geophysical Borehole Logging Report

Name of the site : Jagdishpur, Block - Shivgarh ( Package-13)

District : Raibareli

Date : 04.09.2023

Depth logged : 262.0 mbgl,

Depth drilled : 265.0.0 mbgl - as reported

Logger used : Robertson make

Presence : Rep. of M/S Upendra Kumar, Lucknow

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	20.0---24.0	4.0	Good (1 to 3)
2	30.0---43.0	13.0	
3	48.0---52.0	4.0	
4	244.0---260.0	16.0	Good to moderate (4)

Note. Quality of the formation water is deteriorating marginal to saline in between 54.0 to 238.0 mgbl. Sl. No. 2 is highly intermixed with kankar. clay layer lies in between 238.0 to 243.0 mbgl.

for Aqua Xplore

CC;

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