

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

Lowered Assembly Plan-Govindpur, BLOCK-Shivgarh JIM 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-420

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	200 mm	±0.50	Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.	
	-7.50		±0.00	Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	63.50	MBGL	63.50	M.	
	-16.00		-63.50	Ø 200 mm dia Housing	Slotted pipe from	63.50	MBGL to	69.50	MBGL	6.00	M.	
	-40.00		-69.50	Ø 200 mm dia Housing	Plain pipe from	69.50	MBGL to	76.00	MBGL	6.60	M.	
	-48.00		-76.00	Ø 200 mm dia Housing	Slotted pipe from	76.00	MBGL to	90.00	MBGL	14.00	M.	
	-59.00		-90.00	Ø 200 X Ø 150 mm dia	REDUCER	93.00	MBGL to	93.00	MBGL	3.00	M.	
	-99.00		-93.00	Ø 150 mm dia Plain pipe	Plain pipe from	93.20	MBGL to	99.20	MBGL	0.20	M.	
	-147.00		-99.20									
	-225.00											
	-249.00											
-272.00												
<b>Total Assembly (AGL + BGL) - 99.70 M.</b>												

ABSTRACT	
1. Drilling Started on Dated --	24.09.2023
2. Drilling Completed on Dated --	30.09.2023
3. Drilling Depth --	500 mm Dia 102.00 M
	450 mm Dia 170.00 M
	Total- 272.00 M
4. Assembly lowered on Dated --	6-10- 2023
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia(AGL) -	0.50 M
(B) Housing pipe(Plain)200 mm dia(BGL) -	73.00 M
(C) Slotted pipe 200 mm dia -	2.00 M
(D) Reducer (200 mmX 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	0.00 M
(F) Plain pipe 150 mm dia -	6.00 M
Total assembly-	99.70 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Pea-Gravel-	28.84 Cum
10. MS Ring 300mm- NOS	11. MS Ring 200mm- 17 NOS.
12. MS Ring 150mm- NOS	
13. MS Bail Plug 300mm- NOS	14. MS Bail Plug 200mm- NOS.
15. MS Bail Plug 150mm- 1 NOS	
16. Reducer 300mmx150mm- NOS	17. Reducer 200x150mm- 1 NOS.
18. MSSl Clamp 300mm- NOS	19. MSSl Clamp 200mm -1 NOS
20. MSSl Clamp 200mm-1 NOS	21. MS Well Cap-200mm-1NOS
22. MS Well Cap-300mm-NOS	23. MS Well Cap-200mm-1NOS
24. Center Guide-300mm- NOS	25. Center Guide-200mm- NOS
26. Center Guide-150mm- NOS	

LOGGING REPORT (AQUA XPLORE) Ref:1001-G/AX-2023 Dated 01.10.2023			
Depth Logged-272m bgl		Date of Logging-01.10.2023	
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	17-24	7	Good
2	28-34	6	Good
3	37-42	5	Good
4	63-70	7	Good
5	76-90	14	Good
6	240-247	7	Moderate
NOTE 1)Quality of Formation water quality is deteriorating marginal to saline in between 96.0 to 233.0 mbgl and further below 254.0 m till depth logged .Clay layer lies in between 233. to 236. mbgl			

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

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

*[Signature]*  
TPIA  
(CEINSYS)

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Junior Engineer  
(UPJN)

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Assistant Engineer  
(UPJN)

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Executive Engineer  
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# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 1001 -G / AX- 2023 Date 01.10..2023

## Geophysical Borehole Logging Report

Name of the site : Govindpur, Block – Shivgarh

District : Raibareli

Date : 01.10.2023

Depth logged : 272.0 mbgl,

Depth drilled : 272.0.0 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	17.0---24.0	7.0	Good (1 to 5)
2	28.0---34.0	6.0	
3	37.0---42.0	5.0	
4	63.0---70.0	7.0	
5	76.0---90.0	14.0	
6	240.0---247.0	7.0	Moderate (6)

**Note.** Quality of the formation water is deteriorating marginal to saline in between 96.0 to 233.0 mbgl and further below 254.0 mbgl till depth logged..Clay layer lies in between 233.0 to 236.0 mbgl.

for Aqua Xplore

CC;

1. Executive Engineer, XIIIth. Divn..(Rural), U.P.Jal Nigam, Lucknow
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