



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/720

Date: 24-12-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Barharwa Shivnath & Gujarwalia Shankar Mishr,  
Block – Laxmipur, Distt. – Maharajganj

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 185.60 mbgl

Date of Logging : 24.12.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

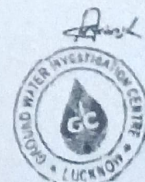
Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-JV.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R <sub>mf</sub> & R <sub>w</sub>
1	28 – 32	4	Good	R <sub>mf</sub> = 22.88 Ωm R <sub>w</sub> = 24.19 Ωm
2	36 – 42	6	Good	
3	46 – 52	6	Good	
4	58 – 62	4	Good	
5	68 – 78	10	Good	
6	94 – 100	6	Good	
7	114 – 118	4	Good	
8	130 – 136	6	Good	
9	156 – 159	3	Good	
10	164 – 169	5	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)  
Geophysicist

GP - Basha wa Shivnath  
 Block - Taxmipur

Date \_\_\_\_\_  
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200x180m / 600x500mm / 300x150mm / 27 Lpm / Lpm - 850

Logging 24.12.2023  
 185.60 MTR

		6.02	
① - 28 - 32 = 04		6.00	
② - 36 - 42 = 06		6.01	36.09
③ - 46 - 52 = 06		6.03	
④ - 58 - 62 = 04		6.01	
⑤ - 68 - 78 = 10 - ③'		6.02	35.59
⑥ - 94 - 100 = 06 - ⑥		0.20	35.79
⑦ - 114 - 118 = 04 - ③	27	6.00	
⑧ - 130 - 136 = 06 - ⑥	26	6.01	
⑨ - 156 - 159 = 03	25	6.00	33.02
⑩ - 164 - 169 = 05 - ③	24	6.01	
	23	6.00	
	22	3.00	68.81
	21	.....	3.00
	20	.....	6.00
	19	6.00	77.81
	18	6.02	16.19
	17	4.17	94.00
	16	.....	6.00
	15	6.00	100.00
	14	6.00	14.50
	13	2.50	114.50
	12	.....	3.00
	11	6.00	117.50
	10	4.00	12.50
	9	2.50	130.00
171.04 + 5 ANL	8	.....	6.00
171.54 Assembly	7	6.01	136.00
	6	6.02	
	5	6.00	29.04
	4	6.01	
	3	5.00	
	2	.....	3.00
	1	3.00	165.04
		0	168.04
			171.04