



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/721

Date: 24-12-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Kansiram Mahadeva, Block – Laxmipur,  
Distt. – Maharajganj

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

**Logged Depth (m)** : 196.80 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	$R_{mf}$ & $R_w$
1	27 – 36	9	Good	$R_{mf} = 25.06 \Omega m$ $R_w = 27.17 \Omega m$
2	48 – 56	8	Good	
3	70 – 74	4	Good	
4	106 – 118	12	Good	
5	150 – 160	10	Good	
6	173 – 184	11	Good	
7	190 – 194	4	Good	

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



(A.K. Singh)  
Geophysicist

Wp:- Madhadeva  
 Block:- Laxmipur

200X180m/500X500mm/200X50mm/18 MTR/ LPM- 450

Logging 24.12.2023  
 196.80 MTR

- ① - 27 - 36 = 09
- ② - 48 - 56 = 08
- ③ - 70 - 74 = 04
- ④ - 106 - 118 = 12
- ⑤ - 150 - 160 = 10
- ⑥ - 173 - 184 = 11
- ⑦ - 190 - 194 = 04

	6.01	
	6.02	
	6.00	36.07
	6.01	
	6.01	
	6.02	
	0.20	35.57
26	6.00	85.77
25	6.03	
24	6.02	
23	6.02	
22	6.00	
21	6.00	
20	6.03	74.12
19	6.02	
18	6.00	
17	6.00	
16	6.01	
15	6.01	
14	2.00	109.89
13	6.00	115.89
12	6.01	
11	6.02	
10	6.03	36.11
9	6.02	
8	6.02	
7	6.02	
6	6.00	152.00
5	6.01	158.00
4	6.00	18.01
3	6.00	176.01
2	6.01	182.02
1	3.00	
	0	185.02

Contractor  
RITHWIK-KOYA-(JV)

185.52